Harvard T.H. Chan School of Public Health Course Catalog Preview

Biostatistics

Subject: Biostatistics

Biostatistics 210 Section: 1

Applied Regression Analysis (190025)

Tanayott Thaweethai

2024 Spring (5 Credits)		Schedule:	TR 0800 AM - 0930 AM
Instructor Permissions:	None	Enrollment Cap:	100

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: ID201 or BST201 or (BST202 and BST203) or (BST206 and (BST207 or 208))

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 210LAB Section: 1

Applied Regression Analysis - Required LAB (213472)

Tanayott Thaweethai

2024 Spring (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 25

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

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Wave 3 | Open Enrollment

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Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both BST 210 and BST 210LAB.

To enroll in a section of BST 210 LAB, students must first enroll in BST 210.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 210LAB Section: 2

Applied Regression Analysis - Required LAB (213472)

Tanayott Thaweethai

2024 Spring (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

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Priority Wave Groups
Wave 1 | PhD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
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Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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automatically enrolled into any remaining seats in the course (pending no time conflicts)

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Requirements: Students are required to enroll in both BST 210 and BST 210LAB.

To enroll in a section of BST 210 LAB, students must first enroll in BST 210.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 210LAB Section: 3

Applied Regression Analysis - Required LAB (213472)

Tanayott Thaweethai

2024 Spring (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 25

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

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Requirements: Students are required to enroll in both BST 210 and BST 210LAB.

To enroll in a section of BST 210 LAB, students must first enroll in BST 210.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 210LAB Section: 4

Applied Regression Analysis - Required LAB (213472)

Tanayott Thaweethai

2024 Spring (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 25

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both BST 210 and BST 210LAB.

To enroll in a section of BST 210 LAB, students must first enroll in BST 210.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 212 Section: 1

Survey Research Methods in Community Health (190027)

Thomas Mangione

2024 Spring (2.5 Credits) Schedule: W 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 40

Covers research design, sample selection, questionnaire construction, interviewing techniques, the reduction and interpretation of data, and related facets of population survey investigations. Focuses primarily on the application of survey methods to problems of health program planning and evaluation. Treatment of methodology is sufficiently broad to be suitable for students who are concerned with epidemiological, nutritional, or other types of survey research.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 214 Section: 1

Principles of Clinical Trials (190029)

David Wypij

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 75

Designed for individuals interested in the scientific, policy, and management aspects of clinical trials. Topics include types of clinical research, study design, treatment allocation, randomization and stratification, quality control, sample size requirements, patient consent, and interpretation of results. Students design a clinical investigation in their own field of interest, write a proposal for it, and critique recently published medical literature.

Course Prerequisites: BST201 or ID201 or (BST202 & 203) or [BST206 & (BST207 or 208)] or PHS 2000A.

Requirements: Pre-requisties: BST201 or ID201 or (BST202 & 203) or [BST206 & (BST207 or 208)] or PHS2000A

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 215 Section: 2

Linear and Longitudinal Regression (190112)

Garrett Fitzmaurice

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 45

This course is intended for students who are already very comfortable with fundamental techniques in statistics. The course will cover methods for building and interpreting linear regression models, including statistical assumptions and diagnostics, estimation and testing, and model building techniques. These models will be extended to handle data arising from longitudinal studies employing repeated measurement of subjects over time. Lectures will be accompanied by computing exercises using the Stata statistical package.
When offered in Summer: Restricted to HSPH degree or PCE students.
When offered during the Academic Year: Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist. All other students must request instructor permission with priority of permission granted to students in a summer-only/summer focused program. Students will be enrolled into the course (if space available) according to the following waves:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI Students
Wave 2 | MPH-EPI, MPH-GEN Students
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Class Notes: Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the

waitlist. All other students must request instructor permission with priority of permission granted to students in a summer-only/summer focused program. Students will be enrolled into the course (if space available) according to the following waves:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-GEN and all other students with approved petitions
Wave 3 | MPH-GEN and all other students with approved petitions

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Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Requirements: Course Prerequisites: EPI522 or BST201 or ID201 or ID207 or BST202&203 or BST206&207 or BST206&208.
Restriction: MPH-EPI students have priority enrollment. MPH-GEN will be automatically added to the waitlist. Others must request instructor permission

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Biostatistics 216 Section: 1

Introduction to Quantitative Methods for Monitoring and Evaluation (190118)

Bethany Hedt-Gauthier

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

Monitoring and evaluation is concerned with assessing the quality of a program as measured against action plans, and evaluating its overall impact. This course addresses the quantitative or statistical aspects of monitoring and evaluation: what to measure, how to measure, how to analyze and how to make inference for the next steps of program implementation. The course covers quantitative components of M&E, both current and innovative methods, and complements GHP 251 which describes the conceptual framework for M&E.

Requirements: Prerequisite: ID201 or BST201 or PHS2000A or (BST202 & BST203) or [BST206 & (BST207 or BST208)].

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 217 Section: 1

Statistical and Quantitative Methods for Pharmaceutical Regulatory Science (190134)

Marcia Testa

2024 Spring (2.5 Credits)		Schedule:	TR 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	30

The goal of this course is to enable scientists and public health professionals who already have an introductory background in biostatistics and clinical trials to acquire the competencies in quantitative skills and systems thinking required to understand and participate in drug development and regulatory review processes. The course illustrates how statistical and quantitative methods are used to transform information into evidence demonstrating the safety, efficacy and effectiveness of drugs and devices over the course the product's life cycle from a regulatory perspective. Content is delivered using a blended-learning approach involving lectures, web-based media and selected case study examples derived from actual FDA decision-making and regulatory assessments to highlight and describe each phase of the regulatory drug approval process. Case studies will illustrate regulatory science in action and practice and will include content publicly available from the FDA's website that can be used in conjunction with FDA science-based guidances and decision precedents.

Requirements: Prerequisite: PHS2000A or ID201 or BST201 or (BST202 & BST203) or [BST206 & (BST207 or BST208)]

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 221 Section: 1

Applied Data Structures and Algorithms (219617)

Christoph Lange

2024 Spring (5 Credits)		Schedule:	MW 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	50

Introduction to important computational problems in biostatistics and state-of-the-art algorithms for solving them. The course focuses on the implementation of data structures and algorithms to solve problems of practical relevance.

Class Notes: BST 221 is the Applied section of Data Structures and Algorithms. It is not open to cross-registrants. Any non-HSPH students who are interested in this class may petition to enroll in BIOSTAT 234: Introduction to Data Structures and Algorithms (FAS). BIOSTAT 234 is the Theoretical section of Data Structures and Algorithms and is geared toward PhD students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Biostatistics 223 Section: 1

Applied Survival Analysis (190040)

Sebastien Haneuse

2024 Spring (5 Credits)		Schedule:	TR 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	100

BST 223 is a course on survival analysis, or more generally time-to-event analysis, with the primary audience being graduate students pursuing a Masters degree in biostatistics or a PhD in one of the other departments at the Harvard Chan School. Covered in the course will be: an introduction to various types of censoring and truncation that commonly arise; the mathematical representations of time-to-event distributions, such as via the hazard and survivor functions; nonparametric methods such as Kaplan-Meier estimation of the survivor function and log-rank test for hypothesis testing; semi-parametric and parametric regression modeling techniques, such as the Cox model, the accelerated failure time model, the additive hazards model and cure fraction models; survival analysis within the causal inference paradigm; the analysis of competing and semi-competing risks; outcome-dependent sampling schemes, such as nested case-control and case-cohort designs; and, power/sample size calculations for studies with time-to-event endpoints. Throughout, equal emphasis will be given to the theoretical/technical underpinnings of survival analysis and to the use of real world data examples.

Course Prerequisite(s): BST210 or BST213 or BST 232 or BST 260 or PHS2000A

Course Note: lab or section times to be announced at first meeting.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | BIO SM60 / BIO SM1 / BIO SM2 / CBQG SM2 / HDS SM60
Wave 2 | EPI SD / PHS PhD (EPI) / GHP SM2 / MPH QM / NUT PhD (Nutritional Epidemiology) / DrPH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
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Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BST210 or BST213 or BST232 or BST260 or PHS2000A.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 226 Section: 1

Applied Longitudinal Analysis (190043)

Garrett Fitzmaurice

2024 Spring (5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 100

This course covers modern methods for the analysis of repeated measures, correlated outcomes and longitudinal data, including the unbalanced and incomplete data sets characteristic of biomedical research. Topics include an introduction to the analysis of correlated data, analysis of response profiles, fitting parametric curves, covariance pattern models, random effects and growth curve models, and generalized linear models for longitudinal data, including generalized estimating equations (GEE) and generalized linear mixed effects models (GLMMs).

Course Activities: Homework assignments will focus on data analysis in R using functions from the nlme, lme4, and geepack packages.

Course Note: Lab or section times will be announced at first meeting.

If you are planning to use a current Fall course to satisfy the prerequisites for BST 226, and you have not yet received a grade for that course, you will need to request instructor permission. Please state in your request which course you are currently taking to meet the prerequisite. Permission requests without an accompanying note will not be granted. Please note that an approved petition does not automatically enroll students into the course; students must return to my.Harvard to finalize enrollment after their petition has been approved.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | BIO SM60 / HDS SM60 / BIO SM2 / BIO SM1 / CBQG SM2
Wave 2 | EPI SD / PHS PhD (EPI) / GHP SM2 / MPH QM / NUT PhD (Nutritional Epidemiology) / DrPH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
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Requirements: Prerequisite: BST210 or BST213 or BST232 or BST260 or PHS2000A

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 231 Section: 1

Statistical Inference I (190048)

Rui Wang

2024 Spring (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 10

A fundamental course in statistical inference. Discusses general principles of data reduction: exponential families, sufficiency, ancillarity and completeness. Describes general methods of point and interval parameter estimation and the small and large sample properties of estimators: method of moments, maximum likelihood, unbiased estimation, Rao-Blackwell and Lehmann-Scheffe theorems, information inequality, asymptotic relative efficiency of estimators. Describes general methods of hypothesis testing and optimality properties of tests: Neyman-Pearson theory, likelihood ratio tests, score and Wald tests, uniformly and locally most powerful tests, asymptotic relative efficiency of tests.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Course Prerequisite(s): BST230

Requirements: Prerequisite: BST230 (Concurrent Enrollment Allowed)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 238 Section: 1

Advanced Topics in Clinical Trials (190055)

David Wypij

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

This course will focus on selected advanced topics in the design, analysis, and interpretation of clinical trials, including study design; choice of endpoints (including surrogate endpoints); interim analyses and group sequential methods; subgroup analyses; and meta-analyses.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Prerequisite: (BST214 or BST214S) and BST222. Concurrent enrollment allowed for BST214 and BST222, but not for BST214S.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 241 Section: 1

Statistical Inference II (190066)

Rajarshi Mukherjee

2024 Spring (5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 10

Sequel to BST 231. Considers several advanced topics in statistical inference. Topics include limit theorems, multivariate delta method, properties of maximum likelihood estimators, saddlepoint approximations, asymptotic relative efficiency, robust and rank-based procedures, resampling methods, and nonparametric curve estimation.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Prerequisites: BST231 and BST240 (previously BIO 250) or permission of instructor

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 244 Section: 1

Analysis of Failure Time Data (190059)

L. Wei

2024 Spring (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 10

Discusses the theoretical basis of concepts and methodologies associated with survival data and censoring, nonparametric tests, and competing risk models. Much of the theory is developed using counting processes and martingale methods. Material is drawn from recent literature.

Course Prerequisite(s): BST231 and BST 232
Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Pre-requisties: BST231 and BST 232

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 258 Section: 1

Causal Inference: Theory and Practice (223902)

Nima Hejazi

2024 Spring (5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

Randomized experimentation is the standard for quantifying the causal effect of an intervention in the public health and biomedical sciences, yet randomization may be impossible, impractical, or unethical, leading to real-world scenarios in which causal inferences are based upon observational comparisons. This course reviews the foundations of causal inference in (bio)statistics, outlining causal-analytic methods that help to extract as much evidence as imperfect observational studies carry about causal effects commonly of interest in applied health science settings. This survey of statistical causal inference begins with foundational concepts: the potential outcomes framework and counterfactual random variables, graphical modeling frameworks, and common assumptions and strategies for the identification of the causal effects of static and dynamic interventions. Methodological extensions for studying the causal effects of time-varying, longitudinal interventions will be touched upon as well. Further topics to be addressed may include instrumental variables approaches, principal stratification, causal mediation analysis, treatment effect heterogeneity, the causal dose-response curve, and causal survival analysis. This course may also introduce elements of semi-parametric theory necessary for the development of asymptotically efficient estimators of causal effect estimands. Where possible, the role of modern regression (i.e., machine learning) techniques and tools for the practical estimation of causal effect estimands will be emphasized.

Requirements: Pre-requisites: BST 231 & BST 232 or Instructor Permission

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 261 Section: 1

Data Science II (203514)

Santiago Romero-Brufau

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 51

This course is an introduction to deep learning, a branch of machine learning concerned with the construction, development, and application of neural networks. Deep learning algorithms extract layered high-level representations of data in a way that maximizes performance on a given task. We will cover a range of topics including basic neural networks, convolutional networks, and recurrent networks, and applications to problem domains like computer vision and speech recognition. Programming (Python) and case studies will be used throughout the course to provide hands-on training in these concepts.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BST260

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 263 Section: 1

Statistical Learning (205330)

Brent Coull

2024 Spring (5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 56

Statistical learning is a collection of flexible tools and techniques for using data to construct prediction algorithms and perform exploratory analysis. This course will introduce students to the theory and

application of methods for supervised learning (classification and regression) and unsupervised learning (dimension reduction and clustering). Students will learn the mathematical foundations underlying the methods, as well as how and when to apply different methods. Topics will include the bias-variance tradeoff, cross-validation, linear regression, logistic regression, KNN, LDA/QDA, variable selection, penalized regression, generalized additive models, CART, random forests, gradient boosting, kernels, SVMs, PCA, and K-means. Homework will involve mathematical and programming exercises, and exams will contain conceptual and mathematical problems. Programming in R will be used throughout the course to provide hands-on training and practical examples.

Prerequisites: BST 260 or BST 210 or BST 232 or PHS 2000A.

Course Note: lab or section times to be announced at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisites: BST260 or BST210 or BST232 or PHS 2000A

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 270 Section: 1

Reproducible Data Science (205561)

Brent Coull

Viola Fanfani

2024 Spring (2.5 Credits) Schedule: MTWRF 0900 AM - 1200 PM

Instructor Permissions: None Enrollment Cap: 25

The central theme of the course will be to meet these scientific needs of reproducible science through training in reproducible research. The topics covered in this course include the fundamentals of reproducible science, case studies in reproducible research, data provenance, statistical methods for reproducible science, and computational tools for reproducible science. This is a blended course where students are introduced to course content online through videos and reading assignments, and then discuss the content in lecture. Each student will submit a completely reproducible research project and give a short presentation at the end of the course.

Requirements: Enrollment limited to students in the Biostatistics department, including CBQG SM students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 272 Section: 1

Computing Environments for Biology (214542)

Curtis Huttenhower

2024 Spring (1.25 Credits) Schedule: TR 0100 PM - 0400 PM

Instructor Permissions: None Enrollment Cap: 25

This course provides a high-level introduction to general computing environments appropriate for biological data analysis, as preparation for more advanced computational biology and bioinformatics courses. It is intended for biologists, clinician-researchers, other bench or translational scientists, or mathematicians with little to no computational or applied quantitative experience. It provides a compressed, highly interactive, hands-on introduction to basic command line, Python, and R environments for biological data analysis and visualization. It covers basic quantitative methods that can be carried out for 'omics data analysis in these environments and ensures that students have access to local and online (i.e. grid, cloud) resources for using these tools in the future. Finally, it thoroughly introduces freely available documentation and strategies for self-learning when using computational methods for biology research.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 281 Section: 1

Genomic Data Manipulation (190119)

Eric Franzosa

Kelsey Thompson

2024 Spring (5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

Introduction to genomic data, computational methods for interpreting these data, and a survey of current functional genomics research. Covers biological data processing, programming for large datasets, high-

throughput data (sequencing, proteomics, expression, etc.), and related publications.
This course is targeted at students in experimental biology programs with an interest in understanding how available genomic techniques and resources can be applied in their research.

Course Notes: Lab or section times announced at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | CBQG SM2 / BPH PhD
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: PreReq: BST 272 or BST 273

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 282 Section: 1

Introduction to Computational Biology and Bioinformatics (190123)

Martin Hemberg

Luca Pinello

2024 Spring (5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 72

Basic biological problems, genomics technology platforms, algorithms and data analysis approaches in computational biology. There will be three major components of the course: microarray and RNA-seq analysis, transcription and epigenetic gene regulation, cancer genomics.

This course is targeted at both biostatistics and biological science graduate students with some statistics and computer programming background who have an interest in exploring genomic data analysis and algorithm development as a potential future direction.

Course Note: Lab or section time to be announced at first meeting; cross-listed: HSPH student must register for HSPH course.

Course Prerequisite(s): STAT 110 and CS5O, or students in BIO, CBQG, or HDS degree programs, or permission of instructor.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | CBQG SM2
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: STAT 110 and CS50, or students in BIO, CBQG, or HDS degree programs, or permission of instructor.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 1

Independent Study (190099)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 2

Independent Study (190099)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 3

Independent Study (190099)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 1

Independent Study - CPT (220776)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 2

Independent Study - CPT (220776)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 3

Independent Study - CPT (220776)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 1

Teaching Assistant (190102)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 2

Teaching Assistant (190102)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 3

Teaching Assistant (190102)

Brent Coull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 316 Section: 4

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 316 Section: 5

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 316 Section: 6

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 1

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 2

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 3

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data

analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Computational Biol and Quant G

Computational Biol and Quant G 325 Section: 1

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Computational Biol and Quant G 325 Section: 2

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Computational Biol and Quant G 325 Section: 3

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 945B Section: 1

Applied Practice and Integrative Learning Experience for Quantitative Methods (205235)

Marcia Testa

2024 Spring (1.25 Credits)		Schedule:	T 0530 PM - 0720 PM
Instructor Permissions:	Instructor	Enrollment Cap:	55

QM Master of Public Health students develop a practicum project, many with collaborators from their home institutions, under the supervision of a local mentor or preceptor, and if required a member of the faculty at Harvard Chan. This practicum should include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual investigation. During Fall 1 and 2 semesters, students must attend class sessions during which the various components of the practicum and culminating experience will be described and opportunities for practicum projects will be discussed. Prior to the end of Fall 2, students must submit a written proposal for the practicum along with the approval signature of the qualified individual indicating an agreement to act as the local mentor or preceptor for the practicum project. This proposal is reviewed by the Harvard Chan course instructors. During Spring 1, students must give a brief oral presentation to the class describing their practicum activities progress. Students must also submit three written interim progress reports (Review of the Literature, Detailed Study Outline, Field Study or Expert Interview Report) during Spring 1 and one written interim progress report (Data Management/Statistical Analysis Report) during Spring 2 according to the schedule outlined in the course syllabus. As part of their required MPH "culminating experience", during Spring 2 students must submit a structured abstract which will be published in the annual MPH QM Abstract book and give a poster presentation during the scheduled MPH QM Annual Poster Day Sessions They also must attend all Poster Day Sessions when they are not presenting and submit at least six written reviews critiquing the practicum project posters of their fellow students. Finally, all students must submit their practicum project as a final written report which would be considered suitable for publication.

Course Note: Students must attend the scheduled Fall 1, Fall 2, Spring 1 and Spring 2 classes and presentations as noted in the course syllabus.

Grade Note: ID 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in ID 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in ID 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from ID 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from ID 945.

Requirements: Course restricted to students in the MPH45 Quantitative Methods (academic year) program HSPH: ID 945A/B

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 945C Section: 1

Applied Practice and Integrative Learning Experience for Quantitative Methods (211055)

Marcia Testa

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 20

This course allows students to extend their MPH practicum project as a continuation of ID 945B at a more advanced and intensive level. To register, students must: 1) have completed all assignments required in ID 945B as of the end of Spring 1; 2) submit an ID 945C proposal during the last two weeks of Spring 2 outlining the advanced work to be undertaken; and 3) receive approval from the ID 945C primary instructor that (1) and (2) are satisfactory. Successful completion of Assignment ID 945C Integrated Learning Experience (ILE) - #7 entitled "Additional Practicum Work Deliverable" will be required to receive a passing grade. The ILE #7 work product may include any one of the following (or combination) based upon the practicum project: a) quantitative methods summary report describing the additional data collected or analyses performed; b) professional meeting presentation involving submission and acceptance of an abstract for presentation, recording of the oral presentation or copy of the poster presentation and documentation of meeting attendance; c) documentation of a submitted manuscript of the practicum project; d) description of additional internship or experiential work in conjunction with a public health or other similar agency or health care affiliate or approved partner; and e) description of biostatistical or epidemiological methods work relating to the practicum project data. or study design Under special circumstances and with the instructor's approval, students may also choose to work on a different topic than the one previously chosen for ID945AB.

Enrollment Requirement Notes:

To qualify for enrollment into ID945C you must have completed all your ID945A and ID945B assignments due by the end of Spring 1. If you enroll for ID945C and you have not completed all of your ID945A and ID945B assignments, you will need to finish them or drop the course by the end of the Spring 2 Add/Drop period.

Requirements: Course restricted to students in the MPH45 Quantitative Methods (academic year) program HSPH: ID 945A/B

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health

Subject: Doctor of Public Health

Doctor of Public Health 215 Section: 1

Developing and Delivering Purposeful Learning Experiences (219883)

Sejal Vashi

David Ginnings

2024 Spring (1.25 Credits) Schedule: T 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 10

The DrPH program prepares professionals for high-impact leadership roles in public health and health care through advanced training in foundational concepts, theories, and methods of public health; application of social and managerial sciences; and development of leadership and management skills. The program's core curriculum is designed to meet the DrPH Foundational Competencies outlined by the Council on Education for Public Health (CEPH).

Education, training, and workforce development are integral to the DrPH graduate's scope of practice. The purpose of this course is to equip DrPH students with the tools to identify learning needs and deliver high-quality educational experiences in academic, organizational, and community settings. The course is designed to meet the DrPH Foundational Competencies in the Education and Workforce Development domain: (1) Assess an audience's knowledge and learning needs, (2) Deliver training or educational experiences that promote learning in academic, organizational, or community settings; (3) Use best practice modalities in pedagogical practices The course consists of seven 90-minute sessions with a mix of didactic instruction, workshop-style discussions, and student-led presentations.

Requirements: HSPH: DRPH

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 242B Section: 1

Leadership in Public Health: Personal Mastery II (213232)

Fawn Phelps

Perry Dougherty

2024 Spring (3.75 Credits) Schedule: TR 0945 AM - 1115 AM
R 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 10

Leadership in Public Health: Personal Mastery Integration is an extension of the DrPH 240 course that forms the foundation of the DrPH's leadership development within the Enabling Change curriculum. The DrPH leadership development programming is rooted in understanding and applying leadership theory. This course emphasizes learning through experiential exercises and reflective practices. DrPH 242 is intended to offer ongoing theoretical and practical integration of the leadership development principles.

Class Notes: Please note: DRPH 242B has different meeting schedules in Spring 1 and Spring 2.

A course materials fee may apply for this course. An upper estimate is

listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: HSPH: DRPH Students + Pre-Requisite DRPH 240

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 251 Section: 1

Enabling Large Scale Change (204462)

Predrag Stojicic

Jennifer Goldsmith

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 10

The Enabling Change program within the DrPH degree program is based on the belief that effective, applied, public health practitioners must be able to enable positive change within themselves, amongst their teams, inside their organizations, and across systems. For those preparing to work at scale, what applied skills, learning trajectories, frameworks, and mindsets are needed to identify synergies, foster multi-party collaborations, and coordinate work within an organization, across systems, and across sectors? How do individual actors orient themselves to this work, especially where the scale of the endeavor requires complex partnerships among entities who may evaluate success in different ways and where work typically unfolds over a long time (possibly exceeding an individual career or even life span)?
This course enables DrPH students to engage with senior leaders who have led significant large-scale efforts. Each session will focus on a tripartite model of exploring a significant, complex problem (institutional transformation or achieving health equity), relevant management and performance tools (i.e. strategic planning and implementation, budget and regulatory processes, or engaging multi-stakeholder coalitions), and the leader's reflections on operating wisely (and learning from mistakes) in the context of "wicked problems." The course will also allow DrPH students to draw lessons from their own leadership engagements during the January Field Immersion. Finally, students will be introduced to a portfolio of approaches that take into account the intersection of policy and politics. For example, students will learn how to prepare for and engage in a simulated press conference and workshop personal branding and digital communications strategies.

Course Objectives
At the end of this course, students will be able to:

- Refine personal leadership agendas and identify skill areas to shape their progression in the DrPH program, including their summer Field Immersion experiences.
- Integrate the synergistic efforts of the public, professionals, policymakers, and other key constituents in driving large-scale change in health issues, utilizing scientific evidence, stakeholder input, public opinion data, and other key sources of information.

- Identify pathways by which individuals drive large-scale change efforts within organizations, across coalitions of organizations, and across sectors.
- Apply strategies towards consensus/resolution in multi-stakeholder settings and alternatives where agreement currently cannot be fostered.

No auditing.

Requirements: Restricted to DRPH students in year 1

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 255B Section: 1

Team Based Case Development Immersion: Dynamics of Teams in Systems (222710)

Jennifer Goldsmith

2024 Spring (0.5 Credits) Schedule: W 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 10

Public Health and the healthcare industry are in an era of increasingly rapid change. The complexity of public health and healthcare issues, healthcare financing and operations, and intractable public health challenges call for dynamic, thoughtful, and inclusive leadership. Now more than ever, public health practitioners must develop leadership skills that enable them to work across programmatic and systemic "silos" while engaging and working with diverse communities, topic experts, and other stakeholders.

DrPH 255 is a real-time dive into community-focused public health interventions. This course integrates the development of leadership, problem-solving, and teamwork skills through reflection, interviews, assessment, and synthesis. The course gives you an opportunity to get involved in the community and put your classroom theories to the test. Student teams work with a host organization and a faculty mentor to develop a robust teaching case reflecting on complex organizational decision points or challenges. DrPH teams initially engage with the host in the fall, spend full time for three weeks in January and continue working with the host to complete deliverables through March.

The course focuses on three key areas:

1. Working effectively in teams to produce a product reflecting on a community-focused client organization.
2. Stakeholder engagement and cross-sector collaboration (e.g., clinicians, frontline health center and mental health staff, educators, community health workers, community organizations, and residents).
3. Working effectively and authentically with diverse populations.

Grade Note: DRPH 255 is a yearlong class comprised of three parts: Part A in the Fall, Part B in the Winter, and Part C in the Spring. For enrollment purposes and planning credit totals, students should factor 1 credit during the Fall, .5 credits in Winter, and 1 credit in the Spring. Students only receive a grade in DRPH 255 after they have completed Parts A through C. At the end of the Fall term and WinterSession, students will receive an "IP" ("in progress") grade in DRPH 255A and 255B. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from DRPH 255.

Requirements: HSPH: DRPH

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Doctor of Public Health 255C Section: 1

Team Based Case Development Immersion: Dynamics of Teams in Systems (222711)

Jennifer Goldsmith

2024 Spring (1 Credits) Schedule: W 0530 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 11

Public Health and the healthcare industry are in an era of increasingly rapid change. The complexity of public health and healthcare issues, healthcare financing and operations, and intractable public health challenges call for dynamic, thoughtful, and inclusive leadership. Now more than ever, public health practitioners must develop leadership skills that enable them to work across programmatic and systemic "silos" while engaging and working with diverse communities, topic experts, and other stakeholders.
DrPH 255 is a real-time dive into community-focused public health interventions. This course integrates the development of leadership, problem-solving, and teamwork skills through reflection, interviews, assessment, and synthesis. The course gives you an opportunity to get involved in the community and put your classroom theories to the test. Student teams work with a host organization and a faculty mentor to develop a robust teaching case reflecting on complex organizational decision points or challenges. DrPH teams initially engage with the host in the fall, spend full time for three weeks in January and continue working with the host to complete deliverables through March.

The course focuses on three key areas:

1. Working effectively in teams to produce a product reflecting on a community-focused client organization.
2. Stakeholder engagement and cross-sector collaboration (e.g., clinicians, frontline health center and mental health staff, educators, community health workers, community organizations, and residents).
3. Working effectively and authentically with diverse populations.

Grade Note: DRPH 255 is a yearlong class comprised of three parts: Part A in the Fall, Part B in the Winter, and Part C in the Spring. For enrollment purposes and planning credit totals, students should factor 1 credit

during the Fall, .5 credits in Winter, and 1 credit in the Spring. Students only receive a grade in DRPH 255 after they have completed Parts A through C. At the end of the Fall term and WinterSession, students will receive an "IP" ("in progress") grade in DRPH 255A and 255B. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from DRPH 255.

Requirements: HSPH: DRPH

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Doctor of Public Health 270 Section: 1

Strategic Management in Global Settings (205526)

Marc Spooner

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 35

"Strategic Management in Global Settings" will provide an overview of some of the key concepts and tools in strategic management that students will be able to draw upon throughout their careers as public health leaders. Topics will include competitive analysis, formulation and implementation of strategy, and strategic measurement and management of organizational performance. This is a case-based course and student preparation and active participation is required. Cases will represent a diverse cross-section of health care organizations, and will include both US and global organizations. Cases will range from academic medical centers to government-owned hospitals, as well as ministries of health to non-governmental organizations (NGOs) to private health care corporations.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | DRPH, New MPH45 HM, Continuing MPH65 HM

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM

Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM

Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Mutually exclusive with HPM231. Cannot receive credit for both courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $75

Doctor of Public Health 290B Section: 1

DrPH Doctoral Seminar (205229)

Gillian Christie

Emma-Louise Aveling

2024 Spring (1.25 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: Instructor Enrollment Cap: 10

The DrPH Doctoral Project Seminar is required for all DrPH second-year students. Its objective is to guide DrPH students through a structured and collaborative approach in support of the development of their third year Doctoral Project, culminating in the presentation of a Doctoral Project approach in the last part of the seminar.

The seminar will run in two phases: DRPH 290A in Fall 2 and DPH 290B in Spring. In Fall 2, students will prepare for the development of their Doctoral Project ideas, a thorough review of the goals, guidance, and outputs required of the project. In Spring 1, students will focus on finalizing their Doctoral Project. The seminar will include guidance on the development of proposals and effective proposal presentation. In Spring 2, students will deliver a presentation on their Doctoral Project proposal in preparation for their Oral Qualifying Exam.

Requirements: Restricted to second year students in the DRPH program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course

Doctor of Public Health 301 Section: 1

Independent Study (205548)

Richard Siegrist

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health 350 Section: 1

Doctoral Project (Residence) (203349)

Richard Siegrist

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 2

Doctoral Project (Residence) (203349)

Nancy Turnbull

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 3

Doctoral Project (Residence) (203349)

Peter Berman

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 4

Doctoral Project (Residence) (203349)

Margaret Kruk

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 5

Doctoral Project (Residence) (203349)

Kasisomayajula Viswanath

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 6

Doctoral Project (Residence) (203349)

Jesse Bump

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 7

Doctoral Project (Residence) (203349)

Vaughan Rees

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 8

Doctoral Project (Residence) (203349)

Howard Koh

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 1

Doctoral Project (Non-Resident) (203350)

Richard Siegrist

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 2

Doctoral Project (Non-Resident) (203350)

Nancy Turnbull

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 3

Doctoral Project (Non-Resident) (203350)

Peter Berman

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 4

Doctoral Project (Non-Resident) (203350)

Margaret Kruk

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 5

Doctoral Project (Non-Resident) (203350)

Kasisomayajula Viswanath

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 6

Doctoral Project (Non-Resident) (203350)

Jesse Bump

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 7

Doctoral Project (Non-Resident) (203350)

Vaughan Rees

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 8

Doctoral Project (Non-Resident) (203350)

Howard Koh

2024 Spring (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Environmental Health

Subject: Environmental Health

Environmental Health 208 Section: 1

Pathophysiology of Human Disease (190169)

Nancy Long Sieber

Kristopher Sarosiek

2024 Spring (5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

Surveys major human disease problems in the cardiovascular, respiratory, hematopoietic, reproductive and

gastrointestinal systems. Emphasis on understanding the pathophysiologic basis of common disease manifestations and the pathogenesis of the disease process. Relevant public health perspectives on the epidemiology or control of diseases are also integrated.

Course Note: Cross-listed course, HSPH students must register for HSPH course. Prior coursework in normal physiology is recommended but not mandatory

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 213 Section: 1

Climate Change, Health, and Environmental Justice-Focusing on Solutions (224076)

Kari Nadeau

2024 Spring (5 Credits) Schedule: MW 0400 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 3

Human health and the health of our planet are inextricably linked and they can be mutually beneficial.

However, our planet's health and our health are at risk. Climate change represents one of the most pressing issues of our time, affecting every nation and person. In this class, we will focus on the ways in which climate change impacts human health and discuss approaches to quantify and mitigate these impacts at the local, state, national, and global levels. You will have the opportunity to monitor, measure, and analyze climate change associated data relevant to human health such as air pollution and temperature with devices we provide. You will also meet policy makers, community leaders, and community members who are addressing climate change impacts on human health. The overarching goal of the course is to critically discuss the health outcomes of energy production and climate change impacts on food, water, air, soil, food systems, and e-waste through the lens of social justice and health equity.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 231 Section: 1

Occupational Health Policy and Administration (190172)

Carolyn Langer

2024 Spring (2.5 Credits)		Schedule:	M 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	28

Examines the legal, regulatory and economic foundations of occupational health activities in the United States. Discusses the roles of government, unions, corporations, and research organizations. Helps students acquire an understanding of management functions in corporations.

Course Activities: Students develop the necessary knowledge and skills in the above areas to apply medico-legal and risk management principles to achieve a healthful workplace.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority

wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 232 Section: 1

Introduction to Occupational and Environmental Medicine (190173)

Stefanos Kales

Justin Yang

2024 Spring (2.5 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 35

Overview of Occupational and Environmental Medicine including: the diagnosis and management of illnesses following exposure to specific workplace substances, environmental and community hazards, such as asbestos, lead, organic solvents, and vibration; methods of diagnosis of early organ system effects of chemicals and techniques for assessing impairment and disability; as well as, medicolegal aspects of occupational health.

Course Activities: Mid-term exam and Final exam.

Course Note: Basic course in toxicology recommended.

This is a clinical and preventive medicine course. The material is taught at a post-graduate level, and a medical or allied health background is required. The majority of students will be physicians, nurses, dentists, pharmacists and students in those fields. Persons without prior biomedical training may NOT take the class for an ordinal grade. Such students are welcome to audit the class. In certain exceptions, if discussed with the instructors, such students may be granted permission by the instructors to take the course on a pass/fail basis.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 236 Section: 1

Epidemiology of Environmental & Occupational Health Regulations (190175)

Gregory Wagner

David Wegman

Anna Iokheles

2024 Spring (5 Credits) Schedule: F 0945 AM - 0100 PM
F 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 16

Provides students with the opportunity to review the epidemiologic basis for associating selected occupational and environmental exposures with health outcomes and to explore how this science might be used to develop and implement regulation of these exposures. Class sessions are divided between a critical evaluation of the science and a thoughtful engagement with how the science can inform policy. Several sessions include guest experts who have worked at the interface of science and policy.

Course Activities: Discussions based on selected epidemiologic studies and potential policy to address each problem.

Course Note: Any EH course required as a pre-requisite or concurrent requisite.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisites: Any EH Course (Concurrent Enrollment Allowed)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 252 Section: 1

High Performance Buildings for Health, Comfort and Sustainability (190181)

Joseph Allen

2024 Spring (5 Credits) Schedule: M 0200 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 12

It is well-known and oft-repeated in environmental health circles that we spend 90% of time indoors. Because this constitutes the vast majority of our exposure time, and concentrations of many indoor pollutants are actually higher indoors than outdoors, it follows logically that indoor environments influence our health. Buildings have the potential for both positive and negative impacts on this indoor exposure, and can mitigate the burden of outdoor pollutants indoors. Over 40 years of research on the indoor environment has yielded many insights into building-related factors that influence health, well-being, and productivity. To meet challenges related to energy and materials, while simultaneously providing healthy indoor environments, buildings must incorporate sustainability criteria into every aspect of design, construction and operation. By definition, green buildings focus on minimizing impacts to the environment through reductions in energy usage, water usage, and minimizing environmental disturbances from the building site. Also by definition, but perhaps less widely recognized, green buildings aim to improve human health

through design of healthy indoor environments. This class will cover basic principles of high performance building design, construction and operation, and impacts on indoor environmental quality, including chemical exposures, light, noise and thermal comfort. One class each week will be dedicated to lectures on these topics, with case studies and experiences from building practitioners that have successfully incorporated sustainability features in historic and contemporary structures. We will also have guests from across the university (Harvard T.H. Chan School of Public Health, Graduate School of Design, Harvard Medical School, Harvard University Office of Sustainability). The concepts presented in lectures will be reinforced in the second class each week with field trips, advanced modeling seminars and hands-on measurements of indoor environmental parameters. This course will be a requirement for the planned MPH65 degree track program in Sustainability and Environmental Management.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 257 Section: 1

Water Pollution (190186)

Ronnie Levin

2024 Spring (5 Credits)		Schedule:	TR 0945 AM - 1115 AM TR 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	68

This seminar course is designed to teach an understanding of the basic principles of water pollution and water pollution issues on local, regional and global scales. The course will begin with a discussion of the basic chemical, physical and biological properties of water and water contaminants. Subsequent lectures will cover specific chemical and biological contaminants in ground, surface, and marine waters; sources, fate, transport, and transformation of contaminants; monitoring techniques, water source protection and resource management; water and wastewater treatment; transmission of waterborne disease; toxicological concerns of chemicals in water, including disinfection byproducts; and interactions with the air and land environments. Invited lecturers will cover issues such as harmful algal blooms, groundwater modeling, coastal zone management, and
US regulatory approaches and policies for aquatic ecosystem protection.
Course Activities: Class discussions, homework assignments, exams and final project.

Course Activities: Class discussions, homework assignments, exams and final project.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any

time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 271 Section: 1

Environmental Health in The Eastern Mediterranean Region (221692)

Petros Koutrakis

Barrak Alahmad

2024 Spring (2.5 Credits) Schedule: MTWRF 1000 AM - 1200 PM

Instructor Permissions: Instructor Enrollment Cap: 10

This winter session travel course will introduce students to the intersections of climate change, air quality and health for populations in the Eastern Mediterranean region. Students will apply epidemiological tools to examine environmental exposures and health vulnerabilities that are unique to this region.
The course will be in collaboration with academic institutions of the region such as the University of Nicosia and University of Cyprus. Students will travel to Cyprus to participate in in-person workshops and field trips, present findings and engage in case-based discussions with local professionals and researchers from the Eastern Mediterranean region who are experts in wildfires, earthquakes, heat, and dust storms.
This course is based on field participation and final project presentation. Eligible Masters students may conduct further independent studies towards using the final project as their thesis. Students will be paired with one mentor from Harvard T.H. Chan School of Public Health and mentors from the local Universities as they write papers of publishable quality.
This course is offered for eligible EH Masters students in the Cyprus Internship Program.

Requirements: Class is restricted to Environmental Health Master of Science students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Winter Session	Winter Session

Environmental Health 278 Section: 1

Human Health and Global Environmental Change (190204)

Caleb Dresser

Nicholas Arisco

2024 Spring (2.5 Credits)		Schedule:	TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	59

Human activity is changing the atmosphere and altering terrestrial and marine ecosystems on a global scale. Evidence is mounting that these changes may already be having serious effects on human health, and there is growing concern that in coming decades the effects could be catastrophic. This course was developed because the practice of public health in this century will require an understanding of the relationship between human health and the global environment. It will provide an overview of climate change and related processes, key examples of global environmental change, their potential consequences for human health, and explore solutions to these problems and the challenges inherent in realizing those solutions. The course will be open to all students at Harvard University, but enrollment is limited, and preference will be given to students from Harvard Medical School, the Harvard School of Public Health, the Kennedy School of Government, and to undergraduate Environmental Science Public Policy majors.

The course is cross-listed with Harvard Medical School as HO703. Students from HMS and other schools will also be part of the class.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 291 Section: 1

Community Practice in Environmental Health (221644)

Gary Adamkiewicz

Ann Backus

2024 Spring (5 Credits)		Schedule:	F 0800 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	25

The purpose of this course is to introduce students to the complexities of and best practices for community engaged/action research and collaboration. Students will integrate skills and knowledge from their environmental health training to address community interests/needs. Students will work with a member of a non-academic partner organization and will complete a formal project report/presentation, as well as reflect on their experience throughout the semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Environmental Health 297 Section: 1

Atmospheric Environment (190215)

Petros Koutrakis

2024 Spring (5 Credits)		Schedule:	WF 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course offers a comprehensive overview of gaseous and particulate air pollutants. It will emphasize pollutant sources, physical and chemical properties, sampling and analysis, chemical transformation, atmospheric transport, fate, and potential for adverse health and environmental impacts. It will examine regulatory efforts to protect environmental health and emission control technologies for mobile and stationary sources, Lectures will present case studies on air pollution studies in US and other courses. Students will also learn to apply positive matrix factorization (PMF) to air pollution data and how to model pollutant dispersion using the AERMOD modeling system. In addition to mid-term and final examinations, the class includes several homework assignments and computer laboratories.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:

59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 1

Independent Study (190217)

Zhi-Min Yuan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 10

Independent Study (190217)

Phil Demokritou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 100

Independent Study (190217)

Eileen McNeely

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 101

Independent Study (190217)

Susan Korrick

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste

management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 102

Independent Study (190217)

Susan Korrick

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 103

Independent Study (190217)

Susan Korrick

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 105

Independent Study (190217)

Bernardo Lemos

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 106

Independent Study (190217)

Bernardo Lemos

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 107

Independent Study (190217)

Bernardo Lemos

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 108

Independent Study (190217)

Jaime Hart

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 109

Independent Study (190217)

Jaime Hart

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste

management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 11

Independent Study (190217)

Phil Demokritou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 110

Independent Study (190217)

Jaime Hart

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 112

Independent Study (190217)

Maitreyi Mazumdar

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 113

Independent Study (190217)

Maitreyi Mazumdar

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 114

Independent Study (190217)

Maitreyi Mazumdar

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 115

Independent Study (190217)

Zachary Nagel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 118

Independent Study (190217)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste

management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 119

Independent Study (190217)

John Spengler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 12

Independent Study (190217)

Phil Demokritou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 120

Independent Study (190217)

Peter James

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 120

Independent Study (190217)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 121

Independent Study (190217)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 123

Independent Study (190217)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 128

Independent Study (190217)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste

management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 129

Independent Study (190217)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 13

Independent Study (190217)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 130

Independent Study (190217)

Nancy Long Sieber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 131

Independent Study (190217)

Gary Adamkiewicz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 132

Independent Study (190217)

Gary Adamkiewicz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 133

Independent Study (190217)

Gary Adamkiewicz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 134

Independent Study (190217)

Peter James

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste

management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 135

Independent Study (190217)

2024 Spring (0 Credits) Schedule:

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 136

Independent Study (190217)

Peter James

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 14

Independent Study (190217)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 140

Independent Study (190217)

Andrea Bellavia

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 141

Independent Study (190217)

Carmen Messerlian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 142

Independent Study (190217)

Carmen Messerlian

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 143

Independent Study (190217)

Carmen Messerlian

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 15

Independent Study (190217)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 151

Independent Study (190217)

Adam Haber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 152

Independent Study (190217)

Adam Haber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 153

Independent Study (190217)

Adam Haber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 16

Independent Study (190217)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 17

Independent Study (190217)

Douglas Dockery

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 18

Independent Study (190217)

Douglas Dockery

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 19

Independent Study (190217)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 2

Independent Study (190217)

Zhi-Min Yuan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 20

Independent Study (190217)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 200

Independent Study (190217)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 201

Independent Study (190217)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 203

Independent Study (190217)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 204

Independent Study (190217)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 205

Independent Study (190217)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 21

Independent Study (190217)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 22

Independent Study (190217)

Jeffrey Fredberg

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 23

Independent Study (190217)

Jeffrey Fredberg

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 24

Independent Study (190217)

Jeffrey Fredberg

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 25

Independent Study (190217)

Zachary Nagel

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 26

Independent Study (190217)

Zachary Nagel

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 27

Independent Study (190217)

Zachary Nagel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 28

Independent Study (190217)

Diane Gold

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 29

Independent Study (190217)

Diane Gold

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 3

Independent Study (190217)

Zhi-Min Yuan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 30

Independent Study (190217)

Diane Gold

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 31

Independent Study (190217)

Rose Goldman

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 32

Independent Study (190217)

Rose Goldman

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 33

Independent Study (190217)

Rose Goldman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 34

Independent Study (190217)

Kristopher Sarosiek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 35

Independent Study (190217)

Kristopher Sarosiek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 36

Independent Study (190217)

Kristopher Sarosiek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 37

Independent Study (190217)

Petros Koutrakis

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 38

Independent Study (190217)

Petros Koutrakis

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 39

Independent Study (190217)

Petros Koutrakis

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 4

Independent Study (190217)

Jin-Ah Park

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 40

Independent Study (190217)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 41

Independent Study (190217)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 42

Independent Study (190217)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 43

Independent Study (190217)

Jin-Ah Park

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 44

Independent Study (190217)

Jin-Ah Park

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Environmental Health 300 Section: 45

Independent Study (190217)

Jin-Ah Park

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Environmental Health 300 Section: 46

Independent Study (190217)

Antonella Zanobetti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 47

Independent Study (190217)

Antonella Zanobetti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 48

Independent Study (190217)

Antonella Zanobetti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 49

Independent Study (190217)

Quan Lu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 5

Independent Study (190217)

Samuel Myers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 50

Independent Study (190217)

Quan Lu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 51

Independent Study (190217)

Quan Lu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 57

Independent Study (190217)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Environmental Health 300 Section: 58

Independent Study (190217)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 59

Independent Study (190217)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 60

Independent Study (190217)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 64

Independent Study (190217)

John Spengler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 65

Independent Study (190217)

John Spengler

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 69

Independent Study (190217)

Elsie Sunderland

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 7

Independent Study (190217)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 70

Independent Study (190217)

Elsie Sunderland

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 71

Independent Study (190217)

Elsie Sunderland

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 72

Independent Study (190217)

John Spengler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 75

Independent Study (190217)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 77

Independent Study (190217)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 78

Independent Study (190217)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 8

Independent Study (190217)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 82

Independent Study (190217)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 83

Independent Study (190217)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 84

Independent Study (190217)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 85

Independent Study (190217)

Scott Weiss

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 86

Independent Study (190217)

Scott Weiss

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 87

Independent Study (190217)

Scott Weiss

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 9

Independent Study (190217)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 91

Independent Study (190217)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 92

Independent Study (190217)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 93

Independent Study (190217)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 97

Independent Study (190217)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 98

Independent Study (190217)

Eileen McNeely

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 99

Independent Study (190217)

Eileen McNeely

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 0

Research (190222)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 1

Research (190222)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 10

Research (190222)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 101

Research (190222)

Phil Demokritou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 102

Research (190222)

Phil Demokritou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 103

Research (190222)

Phil Demokritou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 104

Research (190222)

Samuel Myers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 105

Research (190222)

Samuel Myers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 106

Research (190222)

Samuel Myers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 11

Research (190222)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 12

Research (190222)

John Evans

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 124

Research (190222)

Elsie Sunderland

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 125

Research (190222)

Elsie Sunderland

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 126

Research (190222)

Elsie Sunderland

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 127

Research (190222)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 128

Research (190222)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 129

Research (190222)

Joseph Allen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 13

Research (190222)

Zhi-Min Yuan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 130

Research (190222)

Maitreyi Mazumdar

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 131

Research (190222)

Maitreyi Mazumdar

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 132

Research (190222)

Maitreyi Mazumdar

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 133

Research (190222)

Bernardo Lemos

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 134

Research (190222)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 135

Research (190222)

Peter James

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 136

Research (190222)

Peter James

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 137

Research (190222)

Peter James

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 138

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 139

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 14

Research (190222)

Zhi-Min Yuan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 140

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 141

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 15

Research (190222)

Zhi-Min Yuan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 17

Research (190222)

Diane Gold

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 18

Research (190222)

Diane Gold

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 19

Research (190222)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 2

Research (190222)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 20

Research (190222)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 21

Research (190222)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 22

Research (190222)

Susan Korrick

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 23

Research (190222)

Susan Korrick

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 24

Research (190222)

Susan Korrick

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 25

Research (190222)

Petros Koutrakis

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 26

Research (190222)

Petros Koutrakis

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 27

Research (190222)

Petros Koutrakis

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 28

Research (190222)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 29

Research (190222)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 3

Research (190222)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 30

Research (190222)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 31

Research (190222)

Zachary Nagel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 32

Research (190222)

Zachary Nagel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 33

Research (190222)

Zachary Nagel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 34

Research (190222)

Eileen McNeely

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 35

Research (190222)

Eileen McNeely

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 36

Research (190222)

Eileen McNeely

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 37

Research (190222)

Kristopher Sarosiek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 38

Research (190222)

Kristopher Sarosiek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 39

Research (190222)

Kristopher Sarosiek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 4

Research (190222)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 43

Research (190222)

2024 Spring (0 Credits) Schedule:

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 44

Research (190222)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 45

Research (190222)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 49

Research (190222)

John Spengler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 5

Research (190222)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 50

Research (190222)

John Spengler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 51

Research (190222)

John Spengler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 58

Research (190222)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 59

Research (190222)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 6

Research (190222)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 60

Research (190222)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 67

Research (190222)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 68

Research (190222)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 69

Research (190222)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 7

Research (190222)

Gary Adamkiewicz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 71

Research (190222)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 72

Research (190222)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 73

Research (190222)

Stefanos Kales

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 77

Research (190222)

Antonella Zanobetti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 78

Research (190222)

Antonella Zanobetti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 79

Research (190222)

Antonella Zanobetti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 80

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 81

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 82

Research (190222)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 91

Research (190222)

Adam Haber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 92

Research (190222)

Adam Haber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 93

Research (190222)

Adam Haber

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 97

Research (190222)

Jaime Hart

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 98

Research (190222)

Jaime Hart

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 99

Research (190222)

Jaime Hart

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 508 Section: 1

Master's Thesis and Collaborative Research in Environmental Health (204464)

Francine Laden

Jaime Hart

2024 Spring (5 Credits) Schedule: W 0345 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 30

The objective of the practicum is to allow Environmental Health Masters of Science students to integrate what they have learned and apply this knowledge in the evaluation of a problem of importance.

You must first develop a proposal for an independent research project, with an identified faculty member as an approved advisor for this project. The advisor could be one of the course instructors, but generally involves other faculty members at the Harvard Chan School.

The project must be well-defined, well-executed, must demonstrate knowledge of the chosen area of research, and should clearly describe the findings in the scope of the wider literature. Given the relatively short amount of time available for completion of the thesis, a clear presentation of gaps in your current work and potential future directions may be as important as the analysis itself.

Registration Note: Restricted to second year EH-SM2 students.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course Restricted: 2nd Year EH SM2 Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Environmental Health 513 Section: 1

Interdisciplinary Training in Pulmonary Sciences, Part II (190230)

Quan Lu

2024 Spring (2.5 Credits) Schedule: T 0945 AM - 1045 AM
F 0101 PM - 0200 PM

Instructor Permissions: None Enrollment Cap: 20

The intersection of environment and health is by necessity an interdisciplinary focus. The most promising advances in lung biology and respiratory disease are resulting from teams of scientists with diverse disciplinary training, including biology, medicine, engineering, and physics. In addition to a strong foundation in a specific discipline, the ability to recognize and act upon opportunities presented by outside disciplines is a crucial skill. This course is designed to train scientists to approach lung biology and respiratory diseases with an interdisciplinary perspective, in particular by bridging the gap between life sciences and physical/engineering sciences. With a focus on laboratory sciences and on mechanistic levels of understanding, course materials will cover 3 main problem areas: asthma, air pollution, and lung infection. The course consists of weekly course-meetings (lectures and case-studies) plus weekly research seminars from the physiology program. Students will gain skills in recognizing the relative strengths and weaknesses of different disciplinary approaches applied to pulmonary sciences, in designing interdisciplinary experiments effectively, and in interpreting interdisciplinary results critically.

Class Notes: This class will be taught in Building 1, 13th Floor, Room 1302

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 520 Section: 1

Research Design in Environmental Health (190234)

Joel Schwartz

2024 Spring (2.5 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

The seminars consist of student presentation of plans for collection and analysis of data, with discussion by students and faculty. Preparatory work is done under tutorial arrangements with members of the faculty. The emphasis is on conceptual issues necessary for the development of a feasible and informative study.

Course Activities: Individual student paper and presentation, class discussion, oral critique of another student's research proposal and student and faculty critiques.

Course Note: This course is aimed primarily at environmental health doctoral students.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 525 Section: 1

Environmental Justice: Concepts and Practice (219615)

Tamarra James-Todd

Gary Adamkiewicz

Zachary Nagel

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM
W 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

The purpose of this course is to introduce the topic of environmental justice as it relates to public health. It has been developed to be accessible to a broad audience including those with backgrounds in environmental health, epidemiology, basic sciences, social and behavioral sciences, and health policy. Topics will include fundamental principles and frameworks, social and biological mechanisms underlying environmental health

disparities; methods for assessing and measuring the disproportionate burden of harmful environmental effects borne by some communities as a consequence (of racism and other forms of) discrimination; the practice of environmental justice as a framework for guiding the approach to reducing environmental health disparities; and strategies for effective community-based participatory research; development of action-oriented research strategies to lessen environmental health disparities; and translation of research findings for the purpose of science communication and implementation. The course format will include discussions of case studies and guest lectures from leading figures in the field.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Winter Session	Winter Session

Environmental Health 945S Section: 1

Applied Practice and Integrative Learning Experience for Occupational and Environmental Health (211121)

Stefanos Kales

Justin Yang

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 10

EH 945S is a degree requirement for students the 45-credit MPH program in the Occupational and Environmental Health field of study. Together with ID 263, this course fulfills the practicum requirement.

Students in the Master of Public Health program are required to develop and conduct a supervised project (practicum) addressing a clinical or public health question of interest. The practicum is arranged by the student on an individual basis with a host organization and may include any aspect of occupational and environmental health and safety. The expected time commitment is 120 hours. Students work with a host organization under the supervision of a preceptor (site supervisor) for their practicum and are expected to arrange the details of their practicum with the preceptor and obtain guidance and feedback throughout the project. Students submit a brief proposal (the Learning Agreement) which must be approved by the preceptor and the course instructor prior to starting their practicum work. The course culminates with an on-campus presentation of the results of the practicum in Spring 2. The course does not have formal meeting times, as students are expected to meet with the course instructor independently to develop the practicum project and then at the end of the course for the presentation.

Requirements: Course restricted to students in the MPH-45 OEH Field of Study

Subject: Interdepartmental

Interdepartmental 215 Section: 1

Environmental and Occupational Epidemiology (190751)

Marc Weisskopf

Tamarra James-Todd

2024 Spring (2.5 Credits) Schedule: W 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 68

This course examines application of epidemiologic methods to environmental and occupational health problems. Objectives are to review methods used in evaluating the health effects of physical and chemical agents in the environment, to review available evidence on the health effects of such exposures, and to consider policy questions raised by the scientific evidence. Topics include lectures on methodology, seminars on the review and criticism of current literature, and presentations by outside experts on specific environmental and occupational health issues of current interest.

Course Prerequisites: ID201 or [EPI201 and (BST 201 or PHS2000A)]. Concurrent registration with instructor permission only.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | DrPH Students & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: ID201 or [EPI201 and (BST201 or PHS2000A)]. Concurrent registration with instructor permission only.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 263 Section: 1

Practice of Occupational Health (190774)

John Price

2024 Spring (5 Credits)		Schedule:	W 0800 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	25

Focuses on the assessment of workplace hazards, the physiology and biomechanical aspects of work, and a practical problem-solving approach to health problems in various work settings. Emphasizes the relationship between working conditions and health, with special reference to the recognition, measurement, and control of occupational hazards.

Course Note: MPH 45 students will meet the practicum requirement for the OEH field of study through supplemental project deliverables during the course.

Course Activities: Oral and written projects, class discussions, four walk-through field trips to local industries (field trips may take up to four hours).

Course Requirement: EH 262 recommended.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 271 Section: 1

Advanced Regression for Environmental Epidemiology (190782)

Joel Schwartz

Antonella Zanobetti

2024 Spring (2.5 Credits)		Schedule:	R 0100 PM - 0330 PM
			T 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course covers applied advanced regression analysis. Its focus is on relaxing classical assumptions in regression analysis to better match what epidemiological data really looks like. Specifically, the course will cover nonlinear exposure-response relationships and repeated measure designs, including non-parametric and semi-parametric smoothing techniques, generalized additive models, quantile regression, and time series models. In addition to the theoretical material, students will apply these techniques using R to actual datasets including modeling the effects of environmental exposures on health outcomes. These techniques also are widely applicable to problems in infectious disease, psychiatric, nutritional, occupational, and cancer epidemiology.

Course Activities: Lectures and structured workshops in the instructional computer facility.

Course Note: Basic biostatistics and a course in regression analysis recommended.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Department Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology

Subject: Epidemiology

Epidemiology 203 Section: 1

Study Design in Epidemiologic Research (190270)

Sonia Hernandez-Diaz

Marc Lipsitch

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 165

Beginning with the randomized clinical trial as a paradigm, this course examines common problems in the design, analysis, and interpretation of observational studies. Cohort and case-control studies are the focus of the discussion, but not to the exclusion of other designs. Problems of exposure and disease definitions, time-dependent effects, confounding, and misclassification are considered in the light of data sources typically available. Relevant statistical methods are introduced but not developed in detail.

Course Prerequisites: EPI202 and (BIO200 or ID200 or BST201 or BST202&203 or BST206&207/8/9 or PHS 2000A). All prerequisites may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | SM1 EPI, SM2 EPI, SD EPI, PhD PHS

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: EPI202 and (BIO200 or ID200 or BST201 or BST202&203 or BST206&207/8/9 or PHS2000A). May be taken concurrently.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 204 Section: 1

Analysis of Case-Control, Cohort and Other Epidemiologic Data (190271)

Mingyang Song

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 77

This course will examine, through practical examples, the use of regression methods for analyses of epidemiologic data, primarily case-control and cohort studies. Methods used will include linear, logistic, Poisson, conditional logistic, and Cox regression models. Matched analysis for case-control and cohort studies will also be covered. The lectures will focus on the principle ideas and issues underlying the regression analyses, and the computer labs will provide practical experience applying those methods, using either SAS or R software (separate lab sessions for each). Issues to be dealt with include dose-response, confounding, violation of standard assumptions, and interaction. It will emphasize analysis and interpretation of results in the context of the study design. Familiarity with basic SAS or R is required.

Course Activities: Written group projects, class discussion, quizzes, homework.

Course Note: Computer lab is required, please sign up for one lab session when registering.

Course Pre-requisites: (BST210 (concurrent enrollment allowed) or BST213 or PHS2000A/B) and (EPI200 or EPI201 or EPI208 or EPI505) and EPI202

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI (1st year students); SM1, SM2,
Wave 2 | EPI (2nd year students and beyond); SM1, SM2, NUT PHS
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: (BST210 (concurrent enrollment allowed) or BST213) and (EPI200 or EPI201 or EPI208 or EPI505) and EPI202

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 204LAB Section: 1

Analysis of Case-Control, Cohort and Other Epidemiologic Data (213562)

Mingyang Song

2024 Spring (0 Credits) Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 48

This course will examine, through practical examples, the use of regression methods for analyses of epidemiologic data, primarily case-control and cohort studies. Methods used will include linear, logistic, Poisson, conditional logistic, and Cox regression models. Matched analysis for case-control and cohort studies will also be covered. The lectures will focus on the principle ideas and issues underlying the regression analyses, and the computer labs will provide practical experience applying those methods, using either SAS or R software (separate lab sessions for each). Issues to be dealt with include dose-response, confounding, violation of standard assumptions, and interaction. It will emphasize analysis and interpretation of results in the context of the study design. Familiarity with basic SAS or R is required.

Course Activities: Written group projects, class discussion, quizzes, homework.

Course Note: Computer lab is required, please sign up for one lab session when registering.

Course Pre-requisites: (BST210 (concurrent enrollment allowed) or BST213 or PHS2000A/B) and (EPI200 or EPI201 or EPI208 or EPI505) and EPI202

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | EPI (1st year students); SM1, SM2,
Wave 2 | EPI (2nd year students and beyond); SM1, SM2, NUT PHS
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 204 and EPI 204LAB.

To enroll in a section of EPI 204LAB, students must enroll in EPI 204 first.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 204LAB Section: 2

Analysis of Case-Control, Cohort and Other Epidemiologic Data (213562)

Mingyang Song

2024 Spring (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 48

This course will examine, through practical examples, the use of regression methods for analyses of epidemiologic data, primarily case-control and cohort studies. Methods used will include linear, logistic, Poisson, conditional logistic, and Cox regression models. Matched analysis for case-control and cohort studies will also be covered. The lectures will focus on the principle ideas and issues underlying the regression analyses, and the computer labs will provide practical experience applying those methods, using either SAS or R software (separate lab sessions for each). Issues to be dealt with include dose-response, confounding, violation of standard assumptions, and interaction. It will emphasize analysis and interpretation of results in the context of the study design. Familiarity with basic SAS or R is required.

Course Activities: Written group projects, class discussion, quizzes, homework.

Course Note: Computer lab is required, please sign up for one lab session when registering.

Course Pre-requisites: (BST210 (concurrent enrollment allowed) or BST213 or PHS2000A/B) and (EPI200 or EPI201 or EPI208 or EPI505) and EPI202

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI (1st year students); SM1, SM2,
Wave 2 | EPI (2nd year students and beyond); SM1, SM2, NUT PHS
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/5/2023 11:00AM – 1/16/2023 11:59PM
Wave 2 | 1/17/2023 12:00AM – 1/19/2023 11:59PM
Wave 3 | 1/20/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 204 and EPI 204LAB.

To enroll in a section of EPI 204LAB, students must enroll in EPI 204 first.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 205.1 Section: 1

Practice of Epidemiology (220094)

Eric Rimm

Heather Eliassen

2024 Spring (1.25 Credits)

Schedule: F -
F 0200 PM - 0400 PM
F 0200 PM - 0400 PM
F 0200 PM - 0400 PM

Instructor Permissions: None Enrollment Cap: 19

The seminars consist of student presentations of plans for collection and analysis of epidemiological data (typically for the doctoral dissertation), with discussion by students and faculty, mostly in Fall 2. Preparatory work is done under tutorial arrangements with members of the faculty in Fall 1 The emphasis is on conceptual issues necessary for the development of a feasible and informative epidemiological study.

Course Activities: Individual student grant proposal and presentation, class discussion, and student and faculty critiques.

Course Note: This course is aimed primarily at epidemiology and nutritional epidemiology doctoral students, usually in their third year.

Prerequisite: at least a full year of epidemiology methods and biostatistics methods. Two years of such courses is strongly preferred.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 213 Section: 1

Epidemiology of Cancer (190280)

Lorelei Mucci

Edward Giovannucci

2024 Spring (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 67

This course provides an overview of the concepts and issues central to the discipline of cancer epidemiology. We delve into the descriptive epidemiology of cancer as well as analytical epidemiology to explore cancer risk factors and preventive factors. The lectures cover topics on specific cancer exposures, including tobacco, obesity, infections, and nutrition, as well as the epidemiology of selected malignancies, including breast, prostate, colon, ovarian, primary liver, and pancreatic cancers. Throughout the course, we highlight epidemiology concepts and study design issues central to the study of cancer.

Course Activities: Journal article critique, group discussion, descriptive epidemiology project of a specific cancer, a final quiz

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 223 Section: 1

Cardiovascular Epidemiology I (190290)

Monik Botero

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 35

This course reviews the epidemiology of cardiovascular disease, including the major cardiovascular diseases, related conditions, emerging risk factors, and current controversies. The principal methods used, and their limitation, will also be discussed. Both historically important and current research will be presented. Grades are based on participation in class discussions, brief written paper critiques, and an in-class presentation. There is no midterm or final exam.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 235 Section: 1

Epidemiologic Methods in Health Services Research (190301)

Julie Lauffenburger

Rishi Desai

2024 Spring (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 40

This course is designed to introduce students to the application of standard and advanced epidemiologic methods to health services research (HSR).Students will learn to recognize the principles of epidemiology in HSR and applications in comparative effectiveness and patient-centered outcomes research, and understand the terminology and methods specific in the field. Threats to validity, including confounding and , selection bias , and methods for their control will be discussed in a variety of settings, especially in studies that analyze electronic databases, such as administrative claims and electronic health record data. Topics include health policy and program evaluation, time-series designs, prediction modeling, evaluation of cost and quality outcomes, patientreported outcomes, risk adjustment, pragmatic randomized trials, and research embedded within health care systems. The course is focused primarily on practical applications of these approaches. The clinical, economic, policy, and public health impact of HSR will also be discussed.

Course prerequisites: ID200 or ID201 or [(BIO200 or BST201 or BST202&203 or BST206&207/8/9 or PHS2000A) or(EPI200 or EPI201 or EPI208 or EPI500 or EPI505)]; may be taken concurrently.

Requirements: Pre-requisites: (ID200 or BIO200 or ID201 or BST201 or BST202&203 or BST206&207/8/9) AND (ID200 or EPI200 or EPI201 or EPI208 or EPI500 or ID201 or EPI505); may be taken concurrently. non-HSPH students must request instructor permission

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 254 Section: 1

Topics in Epidemiology of Aging (190317)

Yuan Ma

Albert Hofman

2024 Spring (2.5 Credits)		Schedule:	W 0945 AM - 1115 AM
			W 0945 AM - 1115 AM
			MW 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	24

This course will cover epidemiologic concepts and methods related to diseases of aging as well as general health issues in older persons. Topics will include the epidemiology of Alzheimer's Disease; pharmacoepidemiology in the older persons; methodologic dilemmas in such research; as well as others.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 270 Section: 1

Reproductive and Perinatal Epidemiology II: Advanced Methods (190323)

Shruthi Mahalingaiah

Zifan Wang

2024 Spring (1.25 Credits)		Schedule:	M 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	20

This course is an advanced seminar in reproductive epidemiologic methods. It is intended for graduate students who have a research focus and strong interest in reproductive epidemiology. The course will cover methodological challenges in study design, analysis, and interpretation of reproductive epidemiologic data. Study design considerations include exposure timing related to the reproductive outcome, missingness, informative presence in hospital sourced datasets, and generalizability. We will address topics of bias, confounding, model building based on conceptual models. Expanding traditional reproductive outcomes from gestational and obstetric outcomes (fetal development, complications of pregnancy, pregnancy outcomes), to considering outcomes across the lifespan such as menstrual cycles, gynecological conditions (such as ovulation disorders, uterine fibroids, and endometriosis), fertility outcomes, and the implications of reproductive health status for chronic disease. This course will emphasize the practical and applied aspects of conducting reproductive and perinatal epidemiological studies. The course will be led by Dr. Shruthi Mahalingaiah, with faculty joining to present methodological cases. Students must read the case materials before class and be prepared for active class discussion. Pass/fail grading will be based on class participation.

Pre-Requisites

EPI 201, EPI 202, and Epi 269

Other courses in areas of survival analysis (such as BST 223), longitudinal analysis (such as

BST 226), epidemiologic study design (such as EPI 203) are strongly encouraged but not required. Students outside of HSPH must request instructor permission to enroll in this course.

Requirements: Pre-requisite(s): EPI269; may not be taken concurrently.
Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 271 Section: 1

Propensity Score Analysis: Theoretical & Practical Considerations (190324)

Tobias Kurth

John Seeger

2024 Spring (1.25 Credits) Schedule: TWRF 0800 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 64

This course introduces basic and advanced theory underlying propensity score analyses and provides practical insights into the conduct of studies employing the method. Course readings will include propensity score theory as well as applications. Lectures are complemented by computer lab sessions devoted to the mechanics of estimating and using the propensity score as a tool to control for confounding in observational research. Students should have knowledge in multivariable modeling approaches. A course project will involve the application of propensity scores to a data set or the review of a related, published paper.

Course Activities: Lectures, readings, homeworks, computer labs, participation, project.
Course Prerequisite(s): EPI204 or EPI236 or BST210 or BST213; may not be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS EPI, EPI SM1, EPI SM2
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course Prerequisite(s): EPI204 or EPI236 or BST210 or BST213; may not be taken concurrently.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 284 Section: 1

Epidemiology of Neurologic Diseases (190327)

Kjetil Bjornevik

Alberto Ascherio

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 45

This course is designed to introduce students to the epidemiology of major neurologic diseases. The emphasis will be both on research methods and on substantive issues. The course will stress etiologic and research integrating epidemiology with clinical and pathological aspects. We will discuss several neurological diseases, such as multiple sclerosis, Alzheimer's disease, dementia, Parkinson's disease, and amyotrophic lateral sclerosis, among others.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 288 Section: 2

Introduction to Machine Learning and Risk Prediction (190331)

Olga Demler

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 75

Introduces machine learning and risk prediction methods with applications to clinical data. The basic concepts of supervised and unsupervised machine learning methods, as well as appropriate applications will be discussed. Topics covered will include regularized regression techniques (ridge and lasso regressions), tree-based algorithms (classification and regression trees and random forests), deep learning methods (including convolutional neural networks), unsupervised methods (principal component analysis, t-SNE and UMAP) and other methods. We will discuss concepts necessary to train prognostic and diagnostic models, such as cross-validation, boosting, adjustments for multiple comparisons, overfitting, and algorithmic fairness.

Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN and Summer-focused students, who meet the prerequisites may waitlist themselves without receiving instructor permission. All academic year students must request instructor permission prior to adding themselves to the waitlist.

Meeting Note: This is an online course with pre-recorded lectures; live online office hours, and seminars that will also be recorded and shared with the class. Therefore, this course will not have specific lecture meeting times.

Prerequisite: To enroll, students must have received a grade in one of the following classes: EPI 522, EPI 236, BST 210, BST 213, or BST 215. Or permission of the instructor.

Class Notes:	THIS CLASS HAS PRIORITY ENROLLMENT Priority Wave Groups Wave 1 | MPH-EPI Students Wave 2 | MPH-EPI, MPH-GEN, MPH Summer-Focused Wave 3 | MPH-GEN, MPH-EPI, MPH Summer-Focused and approved petitioners ---------- Priority Wave Timing Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)
Requirements:	To enroll, students must have received a grade in one of the following classes: EPI 522, EPI 236, BST 210, BST 213, or BST 215. Or permission of the instructor. Student must be in the MPH-EPI program or a summer-only degree program. Other students can enroll with permission of the instructor.

Epidemiology 289 Section: 1

Epidemiologic Methods III: Models for Causal Inference (190332)

Barbra Dickerman

Joy Shi

2024 Spring (2.5 Credits)		Schedule:	M 0945 AM - 1115 AM MW 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	71

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score

methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes:

Please note: Students must be enrolled in both EPI 289 (lecture) and an EPI 289 Lab to complete this enrollment. If you are enrolled in EPI 289 and not enrolled in a corresponding lab , you will be dropped from EPI 289 when the enrollment deadline has passed. Students on the waitlist are not officially enrolled in a lab.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS EPI
Wave 2 | EPI SM1, SM2, PHD PHS EPI, MPH QM
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Pre-requisites: EPI201 and EPI202; may not be taken concurrently. Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 289LAB Section: 1

Epidemiologic Methods III: Models for Causal Inference (213564)

Barbra Dickerman

Joy Shi

2024 Spring (0 Credits)		Schedule:	W 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	14

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 289 and EPI 289LAB.

To enroll in a section of EPI 289LAB, students must first enroll in EPI 289

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 289LAB Section: 2

Epidemiologic Methods III: Models for Causal Inference (213564)

Barbra Dickerman

Joy Shi

2024 Spring (0 Credits)		Schedule:	W 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	13

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 289 and EPI 289LAB.

To enroll in a section of EPI 289LAB, students must first enroll in EPI 289

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 289LAB Section: 3

Epidemiologic Methods III: Models for Causal Inference (213564)

Barbra Dickerman

Joy Shi

2024 Spring (0 Credits) Schedule: W 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 13

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 289 and EPI 289LAB.

To enroll in a section of EPI 289LAB, students must first enroll in EPI 289

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 289LAB Section: 4

Epidemiologic Methods III: Models for Causal Inference (213564)

Barbra Dickerman

Joy Shi

2024 Spring (0 Credits) Schedule: W 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 13

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 289 and EPI 289LAB.

To enroll in a section of EPI 289LAB, students must first enroll in EPI 289

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 289LAB Section: 5

Epidemiologic Methods III: Models for Causal Inference (213564)

Barbra Dickerman

Joy Shi

2024 Spring (0 Credits) Schedule: W 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 12

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 289 and EPI 289LAB.

To enroll in a section of EPI 289LAB, students must first enroll in EPI 289

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 289LAB Section: 6

Epidemiologic Methods III: Models for Causal Inference (213564)

Barbra Dickerman

Joy Shi

2024 Spring (0 Credits) Schedule: W 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 12

Causal Inference is a fundamental component of epidemiologic research. EPI289 describes models for causal inference, their application to epidemiologic data, and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, g-estimation of nested structural models, and instrumental variable methods. Each week students are asked to analyze the same data using a different method.

EPI289 is designed to be taken after EPI201/EPI202 and before EPI204 and EPI207. Epidemiologic concepts and methods studied in EPI201/202 will be reformulated within a modeling framework in EPI289. This is the first course in the sequence of EPI core courses on modeling (EPI289, EPI204, EPI207). EPI289 focuses on time-fixed dichotomous exposures and time-fixed dichotomous and continuous outcomes. Continuous

exposures and failure time outcomes (survival analysis) will be discussed in EPI204, and time-varying exposures in EPI207. Familiarity with R language is required for both the lecture and all labs.

Course Prerequisite(s): EPI201 and EPI202; these may be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EPI SM1, SM2, PHD PHS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both EPI 289 and EPI 289LAB.

To enroll in a section of EPI 289LAB, students must first enroll in EPI 289

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 293 Section: 1

Analysis of Genetic Association Studies (190335)

Liming Liang

2024 Spring (2.5 Credits)

Schedule: TW 0900 AM - 1115 AM
MTWF 0200 PM - 0515 PM
R 0200 PM - 0400 PM
TW 0900 AM - 1115 AM

Instructor Permissions: None

Enrollment Cap: 30

At the end of this course students will grasp Concept and Theory, Methods and Software Tools needed to

critically evaluate and conduct genetic and genomic association studies in unrelated individuals and family samples, including: basic molecular and population genetics, marker selection algorithms, haplotyping, multiple comparisons issues, population stratification, genome-wide association studies, genotype imputation, gene-gene and gene-environment interaction, analysis of microarray data (including gene expression, methylation data analysis, eQTL mapping), next-generation sequencing data analysis and genetics simulation studies. Useful software tools will be introduced and practiced in labs and projects. Students interested in methodology development will find interesting research topics to pursue further. Students interested in application will learn cutting-edge methods and tools for their ongoing projects. Course materials will be updated according to the fast-growing areas of genomics and other omics studies.

Course note: Familiarity with R and UNIX computing environment are highly recommended. Source codes for all lab projects will be provided. Students are encouraged to discuss course prerequisites with the instructor.

Course Prerequisite(s): BST201 and (BST210 or BST213 or EPI204) and (ID200 or EPI200 or EPI201 or EPI505 or EPI500 or ID201); may not be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | SM2 CBQG

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 11/9/2023 11:00AM – 11/26/2023 11:59PM

Wave 2 | 11/27/2023 12:00AM – 11/29/2023 11:59PM

Wave 3 | 11/30/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: (BST201) and (BST210 or BST213 or EPI204) and (ID200

or EPI200 or EPI201 or EPI505 or ID201); may not be taken concurrently. Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 1

Independent Study (190341)

Sereno Reisner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 10

Independent Study (190341)

Shruthi Mahalingaiah

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 100

Independent Study (190341)

Laura Dodge

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 101

Independent Study (190341)

Laura Dodge

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 102

Independent Study (190341)

Laura Dodge

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 106

Independent Study (190341)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 107

Independent Study (190341)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 108

Independent Study (190341)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 109

Independent Study (190341)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 11

Independent Study (190341)

Marian Hannan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 110

Independent Study (190341)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 111

Independent Study (190341)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 112

Independent Study (190341)

Heather Baer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 113

Independent Study (190341)

Heather Baer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 114

Independent Study (190341)

Heather Baer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 115

Independent Study (190341)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 116

Independent Study (190341)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 117

Independent Study (190341)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 118

Independent Study (190341)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 119

Independent Study (190341)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 12

Independent Study (190341)

Marian Hannan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 120

Independent Study (190341)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 121

Independent Study (190341)

Jessica Young

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 122

Independent Study (190341)

Jessica Young

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 123

Independent Study (190341)

Jessica Young

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 127

Independent Study (190341)

Caroline Buckee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 128

Independent Study (190341)

Caroline Buckee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 129

Independent Study (190341)

Caroline Buckee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 13

Independent Study (190341)

Howard Sesso

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 130

Independent Study (190341)

Alkes Price

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 131

Independent Study (190341)

Alkes Price

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 132

Independent Study (190341)

Alkes Price

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 136

Independent Study (190341)

Liming Liang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 137

Independent Study (190341)

Liming Liang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 138

Independent Study (190341)

Liming Liang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 139

Independent Study (190341)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 14

Independent Study (190341)

Howard Sesso

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 140

Independent Study (190341)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 141

Independent Study (190341)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 142

Independent Study (190341)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 143

Independent Study (190341)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 144

Independent Study (190341)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 145

Independent Study (190341)

Julie Lauffenburger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 146

Independent Study (190341)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 148

Independent Study (190341)

I-Min Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 149

Independent Study (190341)

I-Min Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 15

Independent Study (190341)

Howard Sesso

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 150

Independent Study (190341)

I-Min Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 154

Independent Study (190341)

Heather Eliassen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 155

Independent Study (190341)

Heather Eliassen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 156

Independent Study (190341)

Heather Eliassen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 157

Independent Study (190341)

Michele Hacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 158

Independent Study (190341)

Michele Hacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 159

Independent Study (190341)

Michele Hacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 16

Independent Study (190341)

Lori Chibnik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 160

Independent Study (190341)

Miguel Hernan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 161

Independent Study (190341)

Miguel Hernan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 163

Independent Study (190341)

Gary Curhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 164

Independent Study (190341)

Gary Curhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 165

Independent Study (190341)

Gary Curhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 166

Independent Study (190341)

Susan Redline

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 167

Independent Study (190341)

Susan Redline

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 168

Independent Study (190341)

Susan Redline

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 17

Independent Study (190341)

Lori Chibnik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 170

Independent Study (190341)

Molin Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 171

Independent Study (190341)

Molin Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 172

Independent Study (190341)

Molin Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 173

Independent Study (190341)

Pagona Lagiou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 174

Independent Study (190341)

Pagona Lagiou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 175

Independent Study (190341)

Pagona Lagiou

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 177

Independent Study (190341)

Issa Dahabreh

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 178

Independent Study (190341)

Grace Chan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 18

Independent Study (190341)

Lori Chibnik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 181

Independent Study (190341)

Carlos Camargo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 182

Independent Study (190341)

Carlos Camargo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 183

Independent Study (190341)

Carlos Camargo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 187

Independent Study (190341)

Tyler VanderWeele

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 188

Independent Study (190341)

Tyler VanderWeele

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 189

Independent Study (190341)

Tyler VanderWeele

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 19

Independent Study (190341)

Earl Cook

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 190

Independent Study (190341)

Bill Hanage

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 191

Independent Study (190341)

Bill Hanage

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 192

Independent Study (190341)

Bill Hanage

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 193

Independent Study (190341)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 194

Independent Study (190341)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 195

Independent Study (190341)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 2

Independent Study (190341)

Sereno Reisner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 20

Independent Study (190341)

Earl Cook

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 205

Independent Study (190341)

Joshua Gagne

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 206

Independent Study (190341)

Joshua Gagne

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 207

Independent Study (190341)

Joshua Gagne

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 208

Independent Study (190341)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 209

Independent Study (190341)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 21

Independent Study (190341)

Earl Cook

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 210

Independent Study (190341)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 211

Independent Study (190341)

Olivia Okereke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 212

Independent Study (190341)

Olivia Okereke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 213

Independent Study (190341)

Olivia Okereke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 214

Independent Study (190341)

James Robins

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 215

Independent Study (190341)

James Robins

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 216

Independent Study (190341)

James Robins

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 217

Independent Study (190341)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 218

Independent Study (190341)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 219

Independent Study (190341)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 22

Independent Study (190341)

Immaculata De Vivo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 220

Independent Study (190341)

Yonatan Grad

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300

Epidemiology 300 Section: 221

Independent Study (190341)

Yonatan Grad

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Epidemiology 300 Section: 222

Independent Study (190341)

Yonatan Grad

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Epidemiology 300 Section: 223

Independent Study (190341)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 224

Independent Study (190341)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 225

Independent Study (190341)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 226

Independent Study (190341)

Tyler VanderWeele

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 228

Independent Study (190341)

Miguel Hernan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 229

Independent Study (190341)

John Seeger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 23

Independent Study (190341)

Immaculata De Vivo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 230

Independent Study (190341)

Shuji Ogino

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 231

Independent Study (190341)

Joshua Gagne

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 236

Independent Study (190341)

Kathryn Terry

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 237

Independent Study (190341)

Kathryn Terry

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 238

Independent Study (190341)

Kathryn Terry

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 239

Independent Study (190341)

Howard Sesso

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 24

Independent Study (190341)

Immaculata De Vivo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 240

Independent Study (190341)

David Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 241

Independent Study (190341)

Jeffrey Katz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 242

Independent Study (190341)

Jeffrey Katz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 243

Independent Study (190341)

Jeffrey Katz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 244

Independent Study (190341)

Albert Hofman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 245

Independent Study (190341)

Albert Hofman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 246

Independent Study (190341)

Albert Hofman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 247

Independent Study (190341)

Krista Huybrechts

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 248

Independent Study (190341)

Krista Huybrechts

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 249

Independent Study (190341)

Krista Huybrechts

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 25

Independent Study (190341)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 250

Independent Study (190341)

Megan Murray

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 250

Independent Study (190341)

Heather Baer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 253

Independent Study (190341)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 254

Independent Study (190341)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 255

Independent Study (190341)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 256

Independent Study (190341)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 257

Independent Study (190341)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 258

Independent Study (190341)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 26

Independent Study (190341)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 262

Independent Study (190341)

Sengwee Darren Toh

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 263

Independent Study (190341)

Sengwee Darren Toh

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 265

Independent Study (190341)

Bizu Gelaye

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 266

Independent Study (190341)

Bizu Gelaye

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 267

Independent Study (190341)

Bizu Gelaye

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 268

Independent Study (190341)

Andrew Beam

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 269

Independent Study (190341)

Carmen Messerlian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 27

Independent Study (190341)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 270

Independent Study (190341)

Carmen Messerlian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 271

Independent Study (190341)

Carmen Messerlian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 274

Independent Study (190341)

Uwe Siebert

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 275

Independent Study (190341)

Mauricio Santillana

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 276

Independent Study (190341)

Mauricio Santillana

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 277

Independent Study (190341)

Mauricio Santillana

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 278

Independent Study (190341)

Monik Botero

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 279

Independent Study (190341)

Monik Botero

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 28

Independent Study (190341)

Julie Lauffenburger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 280

Independent Study (190341)

Monik Botero

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 284

Independent Study (190341)

Mingyang Song

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 285

Independent Study (190341)

Mingyang Song

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 286

Independent Study (190341)

Mingyang Song

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 29

Independent Study (190341)

Julie Lauffenburger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 292

Independent Study (190341)

Andrew Beam

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 293

Independent Study (190341)

Andrew Beam

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 294

Independent Study (190341)

Grace Chan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 295

Independent Study (190341)

Andrew Beam

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 3

Independent Study (190341)

Sereno Reisner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 301

Independent Study (190341)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 302

Independent Study (190341)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 303

Independent Study (190341)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 31

Independent Study (190341)

Timothy Rebbeck

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 310

Independent Study (190341)

Kjetil Bjornevik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 311

Independent Study (190341)

Kjetil Bjornevik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 312

Independent Study (190341)

Kjetil Bjornevik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 32

Independent Study (190341)

Timothy Rebbeck

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 33

Independent Study (190341)

Timothy Rebbeck

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 34

Independent Study (190341)

John Seeger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 35

Independent Study (190341)

John Seeger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 36

Independent Study (190341)

Sengwee Darren Toh

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 37

Independent Study (190341)

Francine Grodstein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 38

Independent Study (190341)

Francine Grodstein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 39

Independent Study (190341)

Francine Grodstein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 4

Independent Study (190341)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 41

Independent Study (190341)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 42

Independent Study (190341)

Alec Walker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Epidemiology 300 Section: 43

Independent Study (190341)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 44

Independent Study (190341)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 45

Independent Study (190341)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 46

Independent Study (190341)

Michelle Holmes

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 47

Independent Study (190341)

Michelle Holmes

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 48

Independent Study (190341)

Michelle Holmes

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 5

Independent Study (190341)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 52

Independent Study (190341)

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 53

Independent Study (190341)

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 54

Independent Study (190341)

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 58

Independent Study (190341)

Marc Lipsitch

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 59

Independent Study (190341)

Marc Lipsitch

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 6

Independent Study (190341)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 60

Independent Study (190341)

Marc Lipsitch

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 61

Independent Study (190341)

Elise Robinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 62

Independent Study (190341)

Elise Robinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 63

Independent Study (190341)

Elise Robinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 67

Independent Study (190341)

Murray Mittleman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 68

Independent Study (190341)

Murray Mittleman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 69

Independent Study (190341)

Murray Mittleman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 7

Independent Study (190341)

Deborah Blacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 70

Independent Study (190341)

Lorelei Mucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 71

Independent Study (190341)

Lorelei Mucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 72

Independent Study (190341)

Lorelei Mucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 73

Independent Study (190341)

Megan Murray

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 74

Independent Study (190341)

Megan Murray

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 75

Independent Study (190341)

Megan Murray

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 76

Independent Study (190341)

Janet Rich-Edwards

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 77

Independent Study (190341)

Janet Rich-Edwards

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 78

Independent Study (190341)

Janet Rich-Edwards

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 79

Independent Study (190341)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 8

Independent Study (190341)

Deborah Blacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 80

Independent Study (190341)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 81

Independent Study (190341)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 82

Independent Study (190341)

Sebastian Schneeweiss

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 83

Independent Study (190341)

Sebastian Schneeweiss

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 84

Independent Study (190341)

Sebastian Schneeweiss

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 85

Independent Study (190341)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 86

Independent Study (190341)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 87

Independent Study (190341)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 9

Independent Study (190341)

Deborah Blacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 91

Independent Study (190341)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 92

Independent Study (190341)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 93

Independent Study (190341)

Grace Chan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 94

Independent Study (190341)

Jordan Smoller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 95

Independent Study (190341)

Jordan Smoller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 96

Independent Study (190341)

Jordan Smoller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 97

Independent Study (190341)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 98

Independent Study (190341)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 99

Independent Study (190341)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 1

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 2

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 3

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to

the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 4

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 1

Research (190348)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 10

Research (190348)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 103

Research (190348)

Marc Weisskopf

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 106

Research (190348)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 11

Research (190348)

Molin Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 115

Research (190348)

Jordan Smoller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 118

Research (190348)

Joshua Gagne

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 124

Research (190348)

Alkes Price

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 128

Research (190348)

Joshua Gagne

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 129

Research (190348)

Douglas Dockery

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 13

Research (190348)

Earl Cook

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 132

Research (190348)

Michele Hacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 135

Research (190348)

Liming Liang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 138

Research (190348)

Heather Eliassen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 14

Research (190348)

Barbra Dickerman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 141

Research (190348)

Lori Chibnik

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 144

Research (190348)

Bill Hanage

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 147

Research (190348)

Timothy Rebbeck

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 153

Research (190348)

James Robins

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 159

Research (190348)

Tyler VanderWeele

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 16

Research (190348)

Immaculata De Vivo

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 160

Research (190348)

Francine Grodstein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 161

Research (190348)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 165

Research (190348)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 168

Research (190348)

Michelle Holmes

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 171

Research (190348)

Caroline Buckee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 177

Research (190348)

Olivia Okereke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 180

Research (190348)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 181

Research (190348)

Elise Robinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 184

Research (190348)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 187

Research (190348)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 190

Research (190348)

Krista Huybrechts

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 193

Research (190348)

Albert Hofman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 2

Research (190348)

Mingyang Song

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 25

Research (190348)

Francine Grodstein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 3

Research (190348)

Mauricio Santillana

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 31

Research (190348)

Russ Hauser

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 34

Research (190348)

2024 Spring (0 Credits) Schedule:

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 37

Research (190348)

Sonia Hernandez-Diaz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 4

Research (190348)

Deborah Blacker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 41

Research (190348)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 43

Research (190348)

Marian Hannan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 46

Research (190348)

Peter Kraft

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 5

Research (190348)

Jessica Young

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 52

Research (190348)

Francine Laden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 55

Research (190348)

I-Min Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 58

Research (190348)

Marc Lipsitch

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 6

Research (190348)

Carmen Messerlian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 61

Research (190348)

Gary Curhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 64

Research (190348)

Murray Mittleman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 67

Research (190348)

Lorelei Mucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 7

Research (190348)

Julie Buring

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 70

Research (190348)

Megan Murray

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 73

Research (190348)

Janet Rich-Edwards

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 76

Research (190348)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 79

Research (190348)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 8

Research (190348)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 82

Research (190348)

Sebastian Schneeweiss

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 85

Research (190348)

Joel Schwartz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 91

Research (190348)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 92

Research (190348)

Yuan Ma

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 93

Research (190348)

Yuan Ma

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 94

Research (190348)

Yuan Ma

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 501 Section: 1

Dynamics of Infectious Diseases (190352)

Mary Bushman

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 37

This course covers the basic concepts of infectious disease dynamics within human populations. Focus will be on transmission of infectious agents and the effect of biological, ecological, social, political, economic forces on the spread of infections. We will emphasize the impact of vaccination programs and other interventions. The dynamics of host-parasite interaction are illustrated using basic mathematical modeling techniques. A

key component of the course is the introduction to the programming mathematical modeling techniques. A key component of the course is the introduction to the programming language R, which we will use for all mathematical modeling activities and examples.

Course Activities: In-class demonstrations and practical sessions, written homework assignments and final class debate. Previous coursework in epidemiology and programming helpful but not required.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 510 Section: 1

Global Cancer Epidemiology (190361)

Paolo Boffetta

Pagona Lagiou

2024 Spring (1.25 Credits) Schedule: MTWRF 0800 AM - 1130 AM

Instructor Permissions: None Enrollment Cap: 31

This course provides students an introduction to the global epidemiology of cancer as a tool to understand the worldwide pattern of cancer, the main risk factors operating in different regions, and the main approaches for cancer prevention and control. Emphasis is given to cancer in low- and medium-resource countries, including cancers of the liver, esophagus, cervix, and stomach.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 517 Section: 1

Issues in Frailty (190366)

Andrea Schwartz

Dae Hyun Kim

2024 Spring (1.25 Credits) Schedule: T 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

While frailty is not a medical diagnosis and has no accepted definition, it is a key and growing concern in geriatric care and research in older adults. This course will examine the thematic issues related to frailty, including the idea of frailty as the consequence of failure to compensate for physiological stress in aging adults. The sessions will start with theme of failure to compensate and how this results in frailty as an

outcome and quality of life, with a focus on methodological issues. The following sessions will present geriatric syndromes thought to derive from failure to compensate for physiological stress including delirium, sarcopenia or loss of muscle, fractures and falls, and failure in the musculoskeletal system. The impact of methodological issues, and interpretation and conclusions drawn from research in geriatric epidemiology will be emphasized. This 7-week survey course has no formal prerequisites, but some epidemiologic background or an understanding of basic epidemiologic principals is strongly recommended.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 524 Section: 1

Confounding Control: A Component of Causal Inference (190373)

Jessica Young

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 68

Controlling for confounding is a fundamental component of epidemiologic research. EPI524 describes models for confounding control (or adjustment), their application to epidemiologic data and the assumptions required to endow the parameter estimates with a causal interpretation. The course introduces students to two broad sets of methods for confounding control: methods that require measuring and appropriately adjusting for confounders, and methods that do not require measuring the confounders. Specifically, the course introduces outcome regression, propensity score methods, the parametric g-formula, inverse probability weighting of marginal structural models, and instrumental variable methods as means for confounding control.

EPI524 is designed to be taken after EPI522. The models described in EPI524 are for time-fixed dichotomous exposures and dichotomous, continuous, and failure time (e.g., survival) outcomes.

This course is for MPH-EPI students only, no exceptions
Prerequisites: EPI522 and MPH-EPI only. May not be taken concurrently

Requirements: Prerequisite: EPI522 and MPH-EPI; may not be taken concurrently

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 525 Section: 1

Study Designs for Epidemiologists (190374)

Sonia Hernandez-Diaz

Issa Dahabreh

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 68

This course reviews the main study designs currently used to describe, predict, and investigate the causes of adverse health outcomes in humans. We will examine general principles, interpretation, strengths, and limitations of the study designs that are commonly used for population research. The course covers ecological, cross-sectional, cohort, case-control, and case-only designs in a number of different settings. Issues related to study population identification, exposure and disease definition and ascertainment, misclassification, confounding, and generalizability are considered in the light of typically available data sources. Idiosyncrasies of several fields, from infectious disease to occupational epidemiology, and their relevance to the selection of an optimal study design are discussed. This course fulfills a core course requirement for the MPH in Epidemiology.

Requirements: Pre-requisites: ID207 and EPI522; may be taken concurrently. This course is for MPH-EPI students only, no exceptions.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 529 Section: 1

Applications of Epidemiology (205521)

Jen Stuart

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 25

This course provides students with a wide variety of applications of epidemiology methods from a menu of modules that reflects active research by the members of the Department of Epidemiology at the Harvard T.H. Chan School of Public Health. Modules contain 3-4 videos (total length approximately one hour) on a common topic and are listed by the twelve Areas of Interest within the Department of Epidemiology. These include Cancer Epidemiology and Cancer Prevention, Cardiovascular Epidemiology, Clinical Epidemiology, Environmental and Occupational Epidemiology, Epidemiologic Methods, Epidemiology of Aging, Infectious Disease Epidemiology, Genetic Epidemiology and Statistical Genetics, Neuro-Psychiatric Epidemiology, Nutritional Epidemiology, Pharmacoepidemiology, and Reproductive, Perinatal, and Pediatric Epidemiology. Students are required to view the videos and complete the assignments related to eight modules chosen from the listed options.

Course Prerequisite(s): [(ID 201)] OR [EPI 500 and (BST 202 and BST 203)] OR [(ID 207 and ID 208)] OR [(BST 206 and 207) OR (BST 206 and 208) and EPI 208].

Class Notes: Enrollment Requirements:
Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist. Summer-only students must request instructor permission.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI Students
Wave 2 | MPH-EPI, MPH-GEN Students
Wave 3 | MPH-GEN, MPH-EPI, MPH Summer-Focused and approved petitioners

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Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Requirements: Pre-Requisites:
[(ID 201)] OR [EPI 500 and (BST 202 and BST 203)] OR [(ID 207 and ID 208)] OR [(BST 206 and 207) OR (BST 206 and 208) and EPI 208]

MPH-EPI and MPH-GEN do not need to petition. Priority to MPH-EPI students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 530 Section: 1

Introduction to Infectious Disease Modeling (211168)

Marc Lipsitch

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 35

This course will introduce students to the conception and application of infectious disease modeling in epidemiology. We will cover the global burden of infectious diseases, the dynamics of infectious diseases with different transmission routes, simple modeling approaches to understand epidemic dynamics, and the ways in which models can be used to understand the mechanisms of transmission and the impacts of interventions. Case studies will be used to familiarize students with specific applications of the theoretical models discussed. Throughout, the emphasis will be on a practical understanding of how these methods can be used and on the rigorous evaluation of the modeling literature.

Class Notes: Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist. All other students must request instructor permission with priority of permission granted to students in a summer-only/ summer focused program. Students will be enrolled into the course (if space available) according to the following waves:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI Students
Wave 2 | MPH-EPI, MPH-GEN Students
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Requirements: Program Requirements: MPH-EPI or Summer-Only HSPH degree students. Instructor permission required for all other students.

Epidemiology 532 Section: 1

Introduction to Sleep Epidemiology (220635)

Susan Redline

Tianyi Huang

2024 Spring (2.5 Credits) | Schedule: MTWRF 1200 PM - 0300 PM

Instructor Permissions: None | Enrollment Cap: 15

Sleep is fundamental to health and well-being and is influenced by health-related behaviors, the social and physical environments, genetics, and health conditions. Disturbed and/or insufficient sleep can increase risk for behavioral morbidities, mood disturbances, poor quality of life, accidents, cognitive decline, chronic cardiometabolic diseases, and cancer. Sleep is increasingly recognized as a "fourth pillar of health" (along with diet, physical activity, and stress) in the sleep medicine community but the public health importance of sleep is less recognized despite increasing data indicating that sleep is strongly socially patterned—by socioeconomic status, race/ethnicity, immigrant status, stage of the life course, work experiences, stress, and neighborhood contexts- and a driver of health disparities.

This course will provide an introduction to sleep epidemiology with an aim of preparing you to better understand the growing literature addressing sleep health as drivers for health differences across populations, and provide you with the knowledge and tools to begin to integrate sleep measurements in your research studies and identify opportunities to inform public policy on approaches for promoting sleep health on a community-level. Topics include overviews of the basic science and clinical aspects of sleep and sleep disorders; social and environmental risk factors influencing sleep health; variation of sleep health across the lifespan and across populations; the influences of sleep on quality of life, mood, and chronic health conditions; and individual and community-wide interventions for improving sleep health.

Requirements: To be eligible for enrollment, students must have already received a grade in OR be currently enrolled in one of the following courses: ID 201 or EPI 201 or EPI 208 or EPI 500

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 542 Section: 1

Causal Mediation and Interaction (211150)

Linda Valeri

Tyler VanderWeele

2024 Spring (1.25 Credits) Schedule: MTWRF 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

The course will approach concepts and methods for mediation and interaction from the perspective of the counterfactual framework. The first part of the course will be concerned with mediation analysis, that is, assessing the extent to which the effect of an exposure on some outcome is mediated through a particular intermediate and the extent to which it is direct or through other pathways. Definitions, theoretical identification results, and statistical techniques related to mediation analysis will be covered. The material in this part of the course will clarify the assumptions required for the estimation of direct and indirect effect and will extend the approach to mediation typically employed in epidemiology and the social sciences to settings with interactions, non-linearities and time-varying exposures. The second part of the course will cover concepts and methods for interaction. Conceptual issues concerning interaction, effect modification and the relation and non-correspondence of statistical and mechanistic notions of interaction will be discussed. Sensitivity analysis approaches and power and sample size calculations for interaction will be introduced. The course will conclude by providing a unifying framework for the assessment of mediation and interaction.

Pre-Requisites

EPI289 or EPI207 or PHS2000B or permission of the instructor. Familiarity with counterfactuals, and linear and logistic regression will be assumed. Some exposure to inverse probability of treatment weighting, marginal structural models, and causal diagrams will be helpful. Familiarity with SAS, Stata or R will be necessary to complete the assignments.

Requirements: Pre-Requisite: EPI 289 or EPI 207

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 945S Section: 1

Applied Practice and Integrative Learning Experience for Epidemiology (208094)

Heather Baer

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Students in the Master of Public Health in Epidemiology (MPH-EPI) program are required to develop and conduct a supervised project (practicum) addressing a clinical or public health question of interest. This practicum may include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects

of public health. All students are assigned a Harvard faculty member to be their mentor for the practicum. The Harvard mentor can be from the Harvard T.H. Chan School of Public Health or from one of the other schools at the University.

During the first year of the program, members of the MPH-EPI Practicum Committee assist students in selecting an appropriate practicum topic and identifying the Harvard faculty member who will be their mentor for the practicum. Students then submit a brief proposal (the draft Learning Agreement) which must be approved by the mentor and the MPH-EPI Practicum Committee. During the second year, students have regular online meetings with their mentor to obtain guidance and feedback on the project. They submit the final version of the Learning Agreement in the fall, and they submit progress reports during the fall and spring. The practicum culminates with a presentation of the results at the end of the spring semester, and there is a symposium in May, right before graduation.

Course Restricted to students in the 2nd year of the MPH-EPI program.

Requirements: Course Restricted to students in the 2nd Year of the MPH-EPI program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 946S Section: 1

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Academic Year) (208079)

Daniel Singer

Heather Baer

E. Orav

2024 Spring (1.25 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 60

EPI 946F, SECTION 1 Daniel Singer (Primary Instructor) This seminar serves as a forum for students' clinical epidemiologic research. In the process, students are exposed to a variety of research designs, analytic strategies, and content areas. There is active class discussion. Faculty emphasize methodologic issues pertinent to the class research presentation.

Course Activities: Student presentations or written assignment

Course Note: Must register in each appropriate semester; separate grade given at the end of each semester. Instructor approval required for all NON-MPH CLE students.

EPI 946F, SECTION 2 Heather Baer (Primary Instructor) This seminar is an alternative to the EPI 946 Section 1 seminar on Friday mornings and is reserved for academic-year MPH-CLE students who are unable to attend the Friday morning EPI 946F seminars due to clinical responsibilities or other unavoidable conflicts. Students in Section 2 must attend another work-in-progress research seminar in their department or division on a regular basis (at least every other week, and subject to approval by the Instructor), and they must present their own work and get feedback from faculty and colleagues. The goal is to expose students to a variety of research designs, analytic strategies, and content areas.

Course Activities: Students must participate in regular research seminars, work on their own research projects, and present their work during one semester; must do two written critiques of other students' presentations during the semester when they are not presenting.

Course Note: You must register in each appropriate semester (need 2 semesters total); separate grade given at the end of each semester. Section 1 is the recommended option for all students. Instructor approval is required for Section 2 and will only be granted to students with strong justification. Please contact the Dr. Baer at hbaer@bwh.harvard.edu for details about how to request approval to register for section 2.

Requirements: Course Restricted to students in the Clinical Effectiveness (academic year) concentration.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 946S Section: 2

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Academic Year) (208079)

Heather Baer

Daniel Singer

E. Orav

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 30

EPI 946F, SECTION 1 Daniel Singer (Primary Instructor) This seminar serves as a forum for students' clinical epidemiologic research. In the process, students are exposed to a variety of research designs, analytic strategies, and content areas. There is active class discussion. Faculty emphasize methodologic issues pertinent to the class research presentation.

Course Activities: Student presentations or written assignment

Course Note: Must register in each appropriate semester; separate grade given at the end of each semester. Instructor approval required for all NON-MPH CLE students.

EPI 946F, SECTION 2 Heather Baer (Primary Instructor) This seminar is an alternative to the EPI 946 Section 1 seminar on Friday mornings and is reserved for academic-year MPH-CLE students who are unable to attend the Friday morning EPI 946F seminars due to clinical responsibilities or other unavoidable conflicts. Students in Section 2 must attend another work-in-progress research seminar in their department or division on a regular basis (at least every other week, and subject to approval by the Instructor), and they must present their own work and get feedback from faculty and colleagues. The goal is to expose students to a variety of research designs, analytic strategies, and content areas.

Course Activities: Students must participate in regular research seminars, work on their own research projects, and present their work during one semester; must do two written critiques of other students' presentations during the semester when they are not presenting.

Course Note: You must register in each appropriate semester (need 2 semesters total); separate grade given at the end of each semester. Section 1 is the recommended option for all students. Instructor approval is required for Section 2 and will only be granted to students with strong justification. Please contact the Dr. Baer at hbaer@bwh.harvard.edu for details about how to request approval to register for section 2.

Requirements: Course Restricted to students in the Clinical Effectiveness (academic year) concentration.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 947S Section: 1

Applied Practice Experience&Integrative Learning Experience for Clinical Effectiveness (SUM-focused) (208091)

Heather Baer

2024 Spring (2.5 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

This course fulfills the Applied Practice Experience (APE, or "practicum") and Integrative Learning Experience (ILE) requirements for Summer-focused MPH in Clinical Effectiveness (MPH CLE) students. For the practicum, all students develop and conduct an applied analytic project that includes aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. The project must have an analytic component (i.e., it cannot be a purely descriptive project.) Each student works with a local mentor (at their host organization or home institution) as well as a Harvard faculty mentor. The practicum culminates in a final presentation about their project in EPI 947U, an on-campus seminar that students must attend during their second or third summer of the program.

All Summer-focused MPH CLE students must register for two semesters of EPI 947 in their final year of the program: EPI 947S (Full Spring) and EPI 947U (Full Summer), which are 2.5 credits each (5.0 credits total). There are no class meetings of EPI 947S during the Spring, but students will work independently on their projects (with guidance from their local and Harvard mentors) and submit several assignments, including a Learning Agreement and Analysis Plan. During the Summer, students will register for and attend EPI 947U, an on-campus daily seminar (from 1-1:50 pm ET) in which they will present the methods and results from their practicum projects, write two critiques of other students' presentations, and submit their final Integrative Learning Experience paper. Attendance at the EPI 947U seminars during the second or third summer is mandatory.

Before registering for EPI 947, students must submit the CLE Practice Course Application (https://hsph.me/CLE-PracticeCourseApplication). Students must request permission to register for EPI 947 in my.harvard, and Dr. Baer will approve this request after reviewing the CLE Practice Course Application. If students do not know what project they are working on for the practicum, they should contact Dr. Baer directly before registering for EPI 947 (hbaer@bwh.harvard.edu).

More detailed information about the practicum can be found at this site: https://www.hsph.harvard.edu/public-health-practice-resources/for-students/mph-practicum-information/mph-practicum/clinical-effectiveness-practicum/

Course Note: Student must attend the on-campus sessions of this course during their second or third summer, to present their own practicum projects and hear other students' presentations. Regular contact between students and mentors is expected during the year to seek advice, provide activity updates, and to discuss approaches to the solution of methodological issues.

Enrollment Requirements:

Course Restricted to students in the MPH summer-focused CLE program. Students must have completed the CLE Practice Course Application (https://hsph.me/CLE-PracticeCourseApplication) before registering.

Requirements: Course Restricted to students in the MPH summer focused CLE program.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 503 Section: 1

Vaccines and Vaccination (214496)

Jaap Goudsmit

Emily Harrison

Sarah Fortune

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

Vaccines are considered one of the greatest global public health achievements. This course will provide students with broad knowledge and integrative skills related to the interdisciplinary topics in vaccines and vaccine programs. The course is organized around four main themes: 1) biology and applications of vaccines; 2) world-wide vaccination programs and their global health impact; 3) research, development and evaluation of vaccines; 4) surveillance and strategies for vaccination coverage. We will heavily focus on vaccines and vaccination programs that are currently in use globally, emphasizing their efficacy, effectiveness, safety and overall impact to the countries, as well as issues surrounding social acceptance and cultural environment. We use extensive case discussions and activities to interweave through these four themes with an aim of solidifying and synthesizing knowledge and skills from across disciplines involved in these topics.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health and Population

Subject: Global Health & Population

Global Health & Population 201 Section: 1

Advanced Modeling for Health System Analysis & Priority Setting (207842)

Stephane Verguet

2024 Spring (2.5 Credits)		Schedule:	TR 0945 AM - 1115 AM
Instructor Permissions:	Instructor	Enrollment Cap:	12

This course directly builds on GHP 501, and offers advanced methods for modeling for health system analysis and priority setting in global health. Students will apply a range of techniques to address central topics, including: health disparities; medical impoverishment and financial risk protection; economic evaluations for health policy assessment; health system modeling; health system performance and country performance on health.

Through readings, basic programming using R software (www.r-project.org), and research projects, students will develop their research skills around three main areas of application, with an emphasis on low- and middle-income countries:

I. Economic evaluation for health policy assessment
II. Health system modeling
III. Efficiency, equity, and performance

Course Note: Instructor permission is required for enrollment. Students who wish to enroll must request instructor permission in my.Harvard. Please request permission by 5:00pm on January 18, 2023. The request should contain the following information: name, academic department and degree program, an explanation of how you will benefit from taking this course, and the relevance to individual career path and/or research plans..

Requirements: Prerequisite: GHP 501

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 202 Section: 1

Comparative Health Systems I (211164)

Winnie Yip

2024 Spring (2.5 Credits)		Schedule:	MW 0200 PM - 0330 PM
Instructor Permissions:	Instructor	Enrollment Cap:	59

This course is the first in a two-course series on comparative health systems. The course will introduce students to theoretical health systems frameworks as well as essential concepts and methodological issues in comparative health systems research. In particular, the course uses theories of the market and the government as organizing principles throughout. The first part of the course will focus on (i) health systems frameworks and performance assessment, (ii) theories of market and market failures, (iii) theories of government and government failures, and (iv) approaches to comparative case studies and health system analysis. The second part of the course applies concepts and methods in the first part of the course to analyze different types of health systems and compares their performance.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 203 Section: 1

Comparative Health Systems Part II (214479)

Winnie Yip

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 40

GHP 203 is the second course in a two-course series on comparative health systems. The course will introduce students to theoretical health systems frameworks as well as essential concepts and methodological issues in comparative health systems research. In particular, the two-course series uses theories of the market and the government as organizing principles to compare and contrast different health systems. The first part of the series introduces health systems frameworks, theories of market and market failures, theories of government and government failures, and approaches to comparative case studies and health system analysis and demonstrates their applications in high-income settings. The second part will focus on the theory of financing, benefit package design, provider payment methods, organization of health service delivery systems and their applications in low- and middle-income country settings.

Requirements: HSPH PreReq GHP 202

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 207 Section: 1

Risk Factors and Population Health (206843)

Goodarz Danaei

2024 Spring (2.5 Credits) Schedule: F 0200 PM - 0330 PM
TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This course covers the concepts and methods required to estimate the effect of risk factors or interventions on disease outcomes at the population level. The course will cover three major topics of estimating population exposure, determining effect sizes, and estimating the proportional and absolute effects of changes in risk factor distributions on the corresponding disease outcomes. Knowledge of intermediate epidemiology and biostatistics is required. Students will work in small groups on a project during the course and will implement the analysis using real data to estimate the impact of one or more risk factors on a selected disease outcome in a population. The course uses active learning teaching methods and students are required to do in-class activities.

Prerequisites: EPI 201 and EPI 202; or instructor permission.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2, PhD PHS-GHP
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: HSPH: Pre-Req EPI 201 & 202

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 208 Section: 1

Global Mental Health Delivery: From Research to Practice (207560)

Shekhar Saxena

Giuseppe Raviola

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

Globally, the vast majority of people with mental health needs do not have access to mental health services at present. A major challenge has continued to be the translation of research evidence in the field of global mental health, both with regard to clinical care and prevention, to implementation and delivery- the research to practice gap. COVID-19 has highlighted the need for integrating lessons learned in global mental health delivery to meet complex needs across high-, middle- and low-income settings. Global Mental Health Delivery: From Research to Practice aims to present a diverse array of programs demonstrating how interventions for prevention, treatment and recovery across the life course are delivered in real-world settings in a range of cultural contexts. The overall goal of the course is to demonstrate how the core principles of access, equity, evidence and scalability are addressed in each case, to understand the barriers in the implementation of the intervention and the innovative strategies used to address them, and the

learnings from the successes and failures of these efforts. The course presents a selection of context-specific case studies that illustrate these diverse principles and objectives, and facilitate learning how similar programs may be run in diverse contexts. The course is divided into three major thematic units: Systems of Care, Humanitarian Crisis and Response, and Task Sharing. Classes will be primarily discussion-based, and students will be expected to read the case studies in advance. Through the course students will integrate lessons learned from the case study presentations and will develop a project concept that will emerge as a product of a staggered learning process that closely reflects project development in real-life settings. The course serves as a next-level analysis of the field of global mental health, following GHP 204 Foundations of Global Mental Health, but students need not take GHP 204 before GHP 208 to benefit greatly. The course is cross-listed with Harvard Medical School.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 209 Section: 1

Early Childhood Development in Global Contexts (214541)

Aisha Yousafzai

Dana McCoy

2024 Spring (5 Credits) Schedule: W 0900 AM - 1215 PM

Instructor Permissions: None Enrollment Cap: 64

Around the world, an estimated 250 million children under the age of five are failing to meet their developmental potential. Nevertheless, culturally sensitive interventions to promote early childhood development (ECD) are not widely integrated or prioritized in health and education platforms. This interdisciplinary course introduces students to core concepts in ECD, cross-cultural theory, contexts of risk and protection, and early intervention and policy. Course meetings will combine lectures, virtual interviews with global experts, and small-group discussion to equip students with the knowledge and skills to appropriately design, plan, evaluate, and appraise sensitive and specific ECD programming. In particular, the course will introduce students to foundational topics in education and public health – including theories of change, implementation research methods, and the ethics of intervention and cross-cultural work – while supporting the application of these topics to real-world interventions for young children.

Important class location note: This course will meet on the Harvard T.H. Chan School of Public Health campus in Spring 1, and switch to the Harvard Graduate School of Education campus in Spring 2.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 210B Section: 1

Concepts and Methods for Global Health and Population Studies (Part B) (222152)

David Canning

Winnie Yip

2024 Spring (2.5 Credits)		Schedule:	F 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	24

This course is intended as a survey of the ideas, theories, data, methods and debates in the study of global health and population. It is organized around two major themes. The first theme – family and population health – will cover the major present and future drivers of population health globally (such as aging, urbanization, changing lifestyles, pandemics, and climate change), as well as the major burdens of diseases and their global distributions. It will further cover the important relationships between global health, human development and equitable societies. One methodological focus of this theme will be population-, community- and family-based interventions to reduce the world's largest health risks and disease burdens, boosting health literacy and fluency, motivating behavior change for health, and enhancing screening and early disease detection, as well as supporting long-term treatment and care. Another methodological focus of this theme will be a broad-scope introduction to the scientific methods of studying family and population health, including approaches to understand the drivers and contexts of health and disease, and designing and evaluating novel interventions and policies.

The second theme – health systems – will cover underlying theories and empirical evidence for analyzing different components of a health care system and how they interact with each other to determine a health system's performance. Specifically, it will cover existing health system frameworks and how they compare with each other, different financing approaches, provider payment methods, market structures, models of organization of healthcare delivery, regulation, and behavioral interventions. It will also cover ethical principles in guiding health system reform and priority setting. In addition, it will cover political economy in health reform decision and implementation. This part of the course adopts an inter-disciplinary approach, drawing on economics, political science, ethics, organizational behavior, among others.

Once students have completed this course, they will be able to (i) describe and explain the major drivers of health and disease worldwide, (ii) identify and explain major mechanisms that connect health with human, economic and social development, (iii) identify powerful interventions for population health, (iv) select the best methods to discover, design, test, and transport novel interventions and policies to boost population health. They will also be able to (v) describe and explain health systems goal and levers, (vi) compare and contrast the major approaches to funding, paying for, delivering, governing and regulating healthcare, and (vii) distinguish and critically apply alternative conceptions of equity in the context of health and health systems.

Class Notes:	Grade and Credit Units Note: GHP 210 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in GHP 210 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 210A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 2.5 credits from GHP 210A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 5 credits the student earned from GHP 210. Students will be enrolled administratively into Part B before the Spring term begins.
Requirements:	Course Restricted: SD, DPH, DRPH, PHD students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Global Health & Population 212 Section: 1

The Political Economy of Health in Low and Middle Income Countries (204472)

Kevin Croke

2024 Spring (2.5 Credits) Schedule: M 0530 PM - 0800 PM

Instructor Permissions: None Enrollment Cap: 25

This seminar examines how political economy influences the health outcomes and the performance of health systems, with a focus on developing countries. The course begins with a review of several key theories and concepts in political economy, focusing on the strategic interactions between politics and economics in health systems. We examine concepts such as "path dependency" to help understand why some policies and institutions are difficult to change; how political institutions like the type of regime (i.e. degree of democracy or authoritarianism) structure political participation and influence health reforms; and how variation in "state capacity" shapes the ability of countries to implement complex reforms. We show how these theories and concepts can be applied to explain past events and how by taking into account political and economic constraints, they can be used to design more successful programs and health reforms. We review different empirical methods, including quantitative/causal inference and comparative case study methods and use them to test and extend theory. Theories of policy reform are applied to cases such as health sector reform in Brazil, Turkey, Kenya and other countries based on student interests. The course involves a critical review of theories and the empirical academic literature in order to develop a political economy analysis of a health reform in a country selected by each student. The course is open to doctoral and masters students with a basic understanding of the political economy literature on health systems and interest in applied and academic research.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 228 Section: 1

Econometric Methods in Impact Evaluation (190392)

Jessica Cohen

2024 Spring (5 Credits) Schedule: F 0800 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 12

The objective of this course is to provide students with a set of theoretical, econometric and reasoning skills to estimate the causal impact of one variable on another. Examples from the readings explore the causal effect of policies, laws, programs and natural experiments. We will go beyond estimating causal effects to analyze the channels through which the causal impact was likely achieved. The course will introduce students to a variety of econometric techniques in impact evaluation and a set of reasoning skills intended to help

them become both a consumer and producer of applied empirical research. Students will learn to critically analyze evaluation research and to gauge how convincing the research is in identifying a causal impact. They will use these skills to develop an evaluation plan for a topic of their own, with the aim of stimulating ideas for dissertation research. This is a methods class that relies heavily on familiarity with regression analysis and econometrics. Coursework in econometrics is a pre-requisite for the course without exception. The course is intended for doctoral students who are finishing their course work and aims to help them transition into independent research. The aim of this course is to prepare doctoral students for the dissertation phase of their research and thus they will be given priority in enrollment. The course is also open to masters students, conditional on having adequate training and the course having enough space.

Pre-Requisites: Coursework in econometrics is required and some coursework in economics is beneficial but not strictly required. Some previous experience with regression analysis and applied economic research will be a huge advantage. Students seeing applied regression analysis for the first time in this course will most likely struggle with the reading.

Course Note: Students interested in taking this course must request instructor permission either by email (cohenj@hsph.harvard.edu) or via my.Harvard. Students will be notified of their status in advance of the first class. Please include the following information in your enrollment permission request: name, academic department, degree program and year, previous courses taken in economics and econometrics, any previous experience with impact evaluation, and the reason you want to take the course.

Students outside of HSPH must request instructor permission to enroll in this course.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 237 Section: 1

Behavioral Economics and Global Health (190397)

Margaret McConnell

2024 Spring (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 20

This course provides an overview of behavioral economic theory and surveys the most recent evidence in behavioral economics applied to global health. The course will introduce students to the process of defining and diagnosing challenges in global health policy that are rooted in human behavior. They will also learn how to design solutions to these problems using principles from behavioral economics and rigorously test those solutions in applied settings.

Prerequisites: HPM206 or equivalent; GHP525 or equivalent

Course Note: Instructor permission is required

Requirements: Prerequisite: GHP525 and HPM206
Students outside of HSPH must request instructor permission to register for the course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 243 Section: 1

Conducting Negotiation on the Frontlines (216357)

Claude Bruderlein

2024 Spring (2.5 Credits) Schedule: SS 0900 AM - 0400 PM
SS 0900 AM - 0400 PM

Instructor Permissions: Instructor Enrollment Cap: 34

For over a century, public health has provided a solid scientific framework to assess the causes and consequences of harmful policies and behaviors endangering the health of populations. Yet, in an increasingly divided world, public health professionals have been confronted with the growing politicization of health policy debates, including ongoing attempts to question or limit the influence of science in government policy making. These challenges have been particularly visible in crisis situations such as the response to the COVID-19 pandemic or the latest hurricanes affecting large numbers of people and communities. The same challenges have affected the design of public health programs towards vulnerable groups such as migrants, women and children in humanitarian situations across the world. To fulfill their role in these politicized environments, public health professionals must develop capabilities to lead constructive dialogues with a wide range of stakeholders while searching for realistic compromises on policy options. Such capabilities involve the ability of building trust in a tense public arena and mitigating adversarial relationships with actors opposed to the proposed policies. Engaging successfully with these counterparts is becoming a critical skill in current and future public health crises.
Through an experiential learning approach, the course will present a systematic methodology to engage in complex negotiations in a proactive, critical, and practical manner. Based on several years of empirical research on negotiation practices on the frontlines of conflict, health crises and natural disasters, it will offer practical tools to plan such negotiation as well as facilitate learning through the experience of seasoned practitioners working in these environments. Complementing existing courses on public policy and leadership, this course is designed for professionals planning to work in high-intensity environments such as pandemic, climate--induced crisis, irregular migration, armed conflicts and other critical situations.
Students can submit petitions to enroll and express interest in the Spring 2024 course here: https://airtable.com/appRbpE7KfaMd6Uoz/shrmXiqpXjJhBhxDZ.

Class Notes: GHP 243 will be taking place on the HKS campus (HKS Belfer 200).

Requirements: HSPH: PW Degree Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 255 Section: 1

HIV Interventions: Rationale, Design, and Evaluation (190402)

Christopher Sudfeld

Kenneth Mayer

2024 Spring (2.5 Credits) Schedule: TR 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

This course introduces students to the underlying theories, mechanisms and rationales for the major biological, behavioral and structural HIV prevention interventions, such as male medical circumcision, vaccination, female microbicides, treatment as prevention, counseling, and combined approaches. In addition to HIV prevention, the course covers HIV treatment, care and impact mitigation. The focus of the course will be both on developing countries and on high-risk, vulnerable and underserved populations in developed countries. Students will learn to critically analyze studies evaluating HIV interventions and to assess global and national HIV strategies.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 264 Section: 1

The Settler Colonial Determinants of Health (219616)

Bram Wispelwey

2024 Spring (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

Health inequities within and between societies are garnering increased attention, but some historical and structural processes are insufficiently considered despite their significant contributions. This course introduces students to the concept of settler colonialism and its health equity implications for indigenous and settler populations. Utilizing case studies from the United States, South Africa, and Palestine/ Israel, comparative analyses in this discussion- and lecture-based seminar will elucidate universal and particular elements of settler colonial societies while drawing causal chains to their perpetual outcomes: poorer health for indigenous and other non-settler ("arrivant") communities.

This course is open to graduate students across the University and is especially salient for those aspiring to engage in public or global health, public policy, legal scholarship, advocacy and activism, human rights, or for anyone eager to explore an alternative framework for understanding the enduring structures that generate racial health inequities in multiple global contexts. Interested undergraduate students will require approval from the Instructor.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Winter Session	Winter Session

Global Health & Population 269 Section: 1

The Political Economy of Global Health (190408)

Jesse Bump

2024 Spring (2.5 Credits)		Schedule:	MW 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	67

This course presents theoretical perspectives, empirical cases and research issues in policy analysis and political economy in global health. The focus is on analytical and methodological issues. The main purpose is to examine the political economy constraints on national and global health initiatives, the role of international agencies, the impact of non-governmental organizations, and the role of the state.

Course Activities: All students will be expected to participate actively in class discussions and submit three assignments. Doctoral students in GHP must write a final paper; master's students and non-GHP doctoral students have the option to either write a final paper or complete a take-home final exam. Exams and papers will constitute 80% of the grade and class participation 20%.

Prerequisites: There are no prerequisites for this course.

Students outside of HSPH must request instructor permission to enroll in this course

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP-SM2, PhD PHS-GHP, and DRPH
Wave 2 | MPH45 GH, MD-MPH45 GH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 280 Section: 1

Health and Security (223927)

Adam Kamradt-Scott

2024 Spring (2.5 Credits)		Schedule:	TR 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	50

The purpose of this course is to provide students with an advanced understanding and critical perspectives of health issues when viewed through a national, international, and/or human security lens, and how approaches to these public health challenges can change as a result. The course concentrates on areas in which human health, political, and security concerns intersect most closely, such as: naturally-occuring disease outbreaks, epidemics, and pandemics; mis- and disinformation; and conflict/humanitarian assistance and disaster relief. The course also considers the existing global health architecture (i.e. the World Health Organization) and related international law (e.g. the International Health Regulations), and whether these institutions and arrangements are fit-for-purpose for responding to the contemporary challenges we confront.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 290 Section: 1

Concepts and Methods for Analyzing Health System Quality (214510)

Margaret Kruk

2024 Spring (2.5 Credits)		Schedule:	T 0345 PM - 0645 PM
			T 0345 PM - 0645 PM
Instructor Permissions:	None	Enrollment Cap:	12

The objective of the course is to develop students' understanding of key concepts in the measurement of health system quality, and theoretical underpinnings and effectiveness of strategies for health system improvement. The course will review the conceptual frameworks of quality of care and apply these to current and new approaches to measuring quality. It will critically review past and current approaches to the improvement of health system quality. While the course will focus on lower-income countries, it will cite the US and other OECD country experience. Upon completion of the course, students will be able to identify the key constructs underpinning health system quality, patient experience, and confidence. They will be able to discuss best practices and innovations in the measurement of health system quality and identify data sources for quality measures. They will be able to identify and critique more and less successful approaches to improvement using the lens of complex adaptive systems. Students will identify research and evaluation challenges for studying health system change. Finally, students will apply these concepts to and challenges to a country setting in their final paper by using secondary data and the research literature to assess health system quality and identify potential drivers of performance. This is an advanced level seminar course that will include lectures and student-led discussion.

Requirements: PHS 2000 (or equivalent) is required, or instructor permission. GHP 210 Concepts and Methods of Global Health and Population and GHP 202 Comparative Health Systems Part 1 are strongly recommended.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 292 Section: 1

Research Methods for Health System Analysis (216216)

Kevin Croke

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

This course is designed to help students learn about methods for health system research, with a focus on low- and middle-income countries. The study of health systems differs methodologically from the study of population health in important ways. Health systems are large, complex, interactive systems. As such, the methods used for inference and analysis in population health (randomized controlled trials, and observational empirical studies that seek causal inference by seeking to approximate the RCT model) are often – although not always -- challenging or impossible to apply. Understanding variation in health system performance across countries, regions, and time therefore requires that researchers learn how to apply a range of research methods, often spanning multiple social science disciplines.
The first half of the course will introduce the methods for qualitative, comparative analysis of health systems, from research design to fieldwork. The second half of the course will focus on statistical methods, including cross-country regressions, multi-level models, and program evaluations of health system topics. The focus in these sessions will be on how valid empirical designs can be generated and implemented despite the complex nature of health systems. In both cases, the focus is both on the intellectual tools required but also the practical implementation of such research. For qualitative cross country work, this means extensive discussion of fieldwork and qualitative research methods. For empirical work, the course includes a replication exercise to gives students direct exposure to high quality published work.
This course is likely to be especially relevant to doctoral students in the Department of Global Health and Population Health Systems Area of Specialization.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 299B Section: 1

Masters Thesis (205231)

Christopher Sudfeld

Nicolas Menzies

Stephane Verguet

Aisha Yousafzai

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This is a year-long course worth a total of 5 credits (2.5 in the fall and 2.5 in the spring).
Student must produce a written thesis in accordance with the thesis guidelines developed by the department.

Course Note: Enrollment limited to GHP SM2 students only.

Grade Note: GHP 299 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 2.5 credits during Fall and 2.5 credits during Spring. Students only receive a grade in GHP 299 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 299. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from GHP 299.

Requirements: Course Restricted: GHP SM2 students only

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration

Global Health & Population 300 Section: 1

Independent Study (190419)

Rifat Atun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 10

Independent Study (190419)

Peter Berman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 100

Independent Study (190419)

Patrick Vinck

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 101

Independent Study (190419)

Patrick Vinck

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 102

Independent Study (190419)

Patrick Vinck

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 103

Independent Study (190419)

Daniel I. Wikler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 104

Independent Study (190419)

Daniel I. Wikler

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 105

Independent Study (190419)

Daniel I. Wikler

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 106

Independent Study (190419)

Mary Wilson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 107

Independent Study (190419)

Mary Wilson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 108

Independent Study (190419)

Mary Wilson

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 109

Independent Study (190419)

Winnie Yip

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 11

Independent Study (190419)

Peter Berman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 110

Independent Study (190419)

Winnie Yip

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 111

Independent Study (190419)

Winnie Yip

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 112

Independent Study (190419)

Aisha Yousafzai

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 113

Independent Study (190419)

Aisha Yousafzai

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 114

Independent Study (190419)

Aisha Yousafzai

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 115

Independent Study (190419)

Ole Norheim

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 116

Independent Study (190419)

Ole Norheim

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 117

Independent Study (190419)

Ole Norheim

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 118

Independent Study (190419)

Jesse Bump

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 12

Independent Study (190419)

Peter Berman

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 120

Independent Study (190419)

Rashad Massoud

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 121

Independent Study (190419)

Sean Kivlehan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 122

Independent Study (190419)

Sean Kivlehan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 123

Independent Study (190419)

Sean Kivlehan

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 13

Independent Study (190419)

Jacqueline Bhabha

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 131

Independent Study (190419)

Elisa Maffioli

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 132

Independent Study (190419)

Elisa Maffioli

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 133

Independent Study (190419)

Elisa Maffioli

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 14

Independent Study (190419)

Jacqueline Bhabha

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 15

Independent Study (190419)

Jacqueline Bhabha

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 16

Independent Study (190419)

David Bloom

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 17

Independent Study (190419)

David Bloom

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 18

Independent Study (190419)

David Bloom

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 2

Independent Study (190419)

Rifat Atun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 22

Independent Study (190419)

Jesse Bump

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 23

Independent Study (190419)

Jesse Bump

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 24

Independent Study (190419)

Jesse Bump

2024 Spring (0.25 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 25

Independent Study (190419)

David Canning

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 26

Independent Study (190419)

David Canning

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 27

Independent Study (190419)

David Canning

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 28

Independent Study (190419)

Marcia Castro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 29

Independent Study (190419)

Marcia Castro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 3

Independent Study (190419)

Rifat Atun

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 30

Independent Study (190419)

Marcia Castro

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 31

Independent Study (190419)

Richard Cash

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 32

Independent Study (190419)

Richard Cash

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 33

Independent Study (190419)

Richard Cash

2024 Spring (0.25 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 34

Independent Study (190419)

Jessica Cohen

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 35

Independent Study (190419)

Jessica Cohen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 36

Independent Study (190419)

Jessica Cohen

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 37

Independent Study (190419)

Kevin Croke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 38

Independent Study (190419)

Kevin Croke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 39

Independent Study (190419)

Kevin Croke

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 4

Independent Study (190419)

Satchit Balsari

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 40

Independent Study (190419)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 41

Independent Study (190419)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 42

Independent Study (190419)

Goodarz Danaei

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 46

Independent Study (190419)

Paul Gregg Greenough

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 47

Independent Study (190419)

Paul Gregg Greenough

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 48

Independent Study (190419)

Paul Gregg Greenough

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 5

Independent Study (190419)

Satchit Balsari

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 52

Independent Study (190419)

Stephanie Kayden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 53

Independent Study (190419)

Stephanie Kayden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 54

Independent Study (190419)

Stephanie Kayden

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 55

Independent Study (190419)

Margaret Kruk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 56

Independent Study (190419)

Margaret Kruk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 57

Independent Study (190419)

Margaret Kruk

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 58

Independent Study (190419)

Martin Lajous Loaeza

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 59

Independent Study (190419)

Martin Lajous Loaeza

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 6

Independent Study (190419)

Satchit Balsari

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 60

Independent Study (190419)

Martin Lajous Loaeza

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 61

Independent Study (190419)

Ana Langer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 62

Independent Study (190419)

Ana Langer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 63

Independent Study (190419)

Ana Langer

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 7

Independent Study (190419)

Sebastian Bauhoff

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 70

Independent Study (190419)

Margaret McConnell

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 71

Independent Study (190419)

Margaret McConnell

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 72

Independent Study (190419)

Margaret McConnell

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 73

Independent Study (190419)

Nicolas Menzies

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 74

Independent Study (190419)

Nicolas Menzies

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 75

Independent Study (190419)

Nicolas Menzies

2024 Spring (0.25 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 76

Independent Study (190419)

Vikram Patel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 77

Independent Study (190419)

Vikram Patel

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 78

Independent Study (190419)

Vikram Patel

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 79

Independent Study (190419)

Phuong Pham

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 8

Independent Study (190419)

Sebastian Bauhoff

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 80

Independent Study (190419)

Phuong Pham

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 81

Independent Study (190419)

Phuong Pham

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 82

Independent Study (190419)

Michael Reich

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 83

Independent Study (190419)

Michael Reich

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 84

Independent Study (190419)

Michael Reich

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 85

Independent Study (190419)

Joseph Rhatigan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 86

Independent Study (190419)

Joseph Rhatigan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 87

Independent Study (190419)

Joseph Rhatigan

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 88

Independent Study (190419)

Shekhar Saxena

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 89

Independent Study (190419)

Shekhar Saxena

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 9

Independent Study (190419)

Sebastian Bauhoff

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 90

Independent Study (190419)

Shekhar Saxena

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 91

Independent Study (190419)

Christopher Sudfeld

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 92

Independent Study (190419)

Christopher Sudfeld

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 93

Independent Study (190419)

Christopher Sudfeld

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 94

Independent Study (190419)

Michael VanRooyen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 95

Independent Study (190419)

Michael VanRooyen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 96

Independent Study (190419)

Michael VanRooyen

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 97

Independent Study (190419)

Stephane Verguet

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 98

Independent Study (190419)

Stephane Verguet

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 300 Section: 99

Independent Study (190419)

Stephane Verguet

2024 Spring (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 1

Research (190420)

Rifat Atun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 10

Research (190420)

Goodarz Danaei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 13

Research (190420)

Margaret Kruk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 14

Research (190420)

Ana Langer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 15

Research (190420)

Margaret McConnell

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 16

Research (190420)

Nicolas Menzies

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 17

Research (190420)

Michael Reich

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 19

Research (190420)

Shekhar Saxena

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 20

Research (190420)

Christopher Sudfeld

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 21

Research (190420)

Stephane Verguet

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 22

Research (190420)

Winnie Yip

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 23

Research (190420)

Aisha Yousafzai

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 3

Research (190420)

Sebastian Bauhoff

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 4

Research (190420)

David Bloom

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 6

Research (190420)

David Canning

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 7

Research (190420)

Marcia Castro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 8

Research (190420)

Jessica Cohen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 9

Research (190420)

Kevin Croke

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 501 Section: 1

Modeling for Health System Analysis & Priority Setting (204258)

Stephane Verguet

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 20

This course offers an introduction to modeling for health system analysis and priority setting in global health, and its key quantitative methods. Students will learn to use a range of tools to address central concerns and topics, including: health disparities; medical impoverishment and financial risk protection; economic evaluations for health policy assessment; health system performance and country performance on health. Modeling for health system analysis – and therefore this course – draws from the disciplines of global public health, health services research, epidemiology, economics and applied mathematics. Through readings, homework, basic programming using R software (www.r-project.org), and a research assignment, students will gain solid quantitative knowledge of the field.
The course is designed around three main areas of inquiry and application, with an emphasis on low- and middle-income countries:

I. Economic evaluation for health policy assessment
II. Health system modeling
III. Efficiency, equity, and performance

Course Note: Instructor permission is required for enrollment. Students who wish to enroll must request instructor permission in my.Harvard. Please submit your request to enroll by 5:00pm on January 18, 2023. The request should contain the following information: name, academic department and degree program, an explanation of how you will benefit from taking this course, and the relevance to individual career path and/or research plans.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 504 Section: 1

Introduction to Qualitative Research for Global Health (190424)

Aisha Yousafzai

2024 Spring (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 35

This course introduces students to qualitative research design and methods applied in global health. Contrasts will be drawn with quantities and mixed-methods approaches in order to consider the place of qualitative research in global health. The course aims to provide students with an understanding of when to use qualitative research approaches, explores the philosophical debates around qualitative research and the theories that underpin qualitative research designs to consider which qualitative methodologies is appropriate for the research, and critically appraise the quality and credibility of qualitative research. This practical-oriented course will equip students with the knowledge and skills to appropriately design, plan and appraise qualitative research. The course topics will include the application of qualitative research approaches in global health, qualitative research designs, qualitative methods, ethics and critical appraisal of qualitative research.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | GHP SM2, PhD PHS-GHP, MPH45 GH, MD-MPH45 GH

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 506 Section: 1

Measuring Population Health (190426)

Nicolas Menzies

2024 Spring (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 70

This course will introduce students to the definition and measurement of population health. The primary objective is to provide an overview of the conceptual, methodological and empirical basis for quantifying levels of health in individuals and populations, including the construction of a range of different summary measures that combine information on mortality and non-fatal health outcomes. The course aims to give students an understanding of the technical basis for measurement in international work on population health; and to give students an appreciation of the uses and limitations of these methods in policy-making and priority-setting, particularly in low- and middle-income countries. Practical training will be given through homework exercises and a final exam. Students are expected to have a working knowledge of Excel or an equivalent spreadsheet package. Other packages such as Stata will be introduced during the course for those with no previous experience. Required for MS students in the department of Global Health and Population. Useful for MPH and doctoral students interested in the construction, interpretation and application of health indicators.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2, PhD PHS-GHP
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

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Global Health & Population 515 Section: 1

International Humanitarian Response I (190434)

Sean Kivlehan

2024 Spring (2.5 Credits)		Schedule:	W 0600 PM - 0800 PM
Instructor Permissions:	Instructor	Enrollment Cap:	60

This course offers practical training in the complex issues and field skills needed to engage in humanitarian aid work. Students will learn the concepts and international standards for humanitarian response. While providing a solid theoretical foundation, the course will focus on practical skills such as conducting rapid assessments, ensuring field security, and interacting with aid agencies, the military, and the media during humanitarian crises. The course culminates in a required three-day intensive humanitarian crisis field simulation (GHP 518) in Spring 2.

Topics covered:

- Humanitarian response community and coordination
- International Humanitarian Law and Human Rights
- Sphere standards (shelter, water and sanitation, food security, health)
- Civil-military relations, media skills, logistics, and budgeting
- Program design, monitoring and evaluation, accountability
- Personal security, mental health, stress, and teamwork

Co-requisite: GHP 518, International Humanitarian Response II, Spring 2.

Course Notes: All students must petition for both GHP 515 and GHP 518 in my.Harvard, then request instructor permission at https://bit.ly/IHR2024 to be considered for enrollment. There is a required course fee for GHP 518. No auditors allowed. Lectures will take place at the Harvard Chan campus in Longwood. Please review the description for GHP 518, the co-requisite Spring 2 course.

Requirements: Co-requisite: GHP 518. Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 518 Section: 1

International Humanitarian Response II (190436)

Sean Kivlehan

2024 Spring (1.25 Credits) Schedule: FSS -

Instructor Permissions: Instructor Enrollment Cap: 60

GHP 518 is an intensive field simulation at Harold Parker State Forest in North Andover, MA. Students will camp for two nights in the forest as part of an aid agency team responding to a simulated international disaster and conflict. Student teams will carry out rapid assessments, create a comprehensive humanitarian aid plan, and manage interactions with refugees, officials, and other humanitarian actors. Students will face challenges that test their subject knowledge, team skills, creativity, and grit.

Course Fee: $300 to cover group camping gear hire, food, and other simulation costs.

Co-requisite: GHP 515, International Humanitarian Response I

Course Notes: All students must petition for both GHP 515 and GHP 518 in my.Harvard, then request instructor permission at https://bit.ly/IHR2024 to be considered for enrollment. There is a required course fee for GHP 518. No auditors allowed. Please review the description for GHP 515, the co-requisite Spring course. Simulation requires camping overnight and will take place rain-or-shine. Simulation is planned for April 26 to April 28, 2024.

Class Notes: Simulation is planned for April 26 to April 28, 2024

Requirements: Co-requisite: GHP 515. Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 530 Section: 1

Consequential Leadership In Practice (221724)

Roman Macaya

2024 Spring (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 64

This course integrates the practical application of knowledge to solve public health problems from the lens of consequential leaders in global health institutions. Consequential leaders are those who exercise leadership, regardless of their positions, to achieve good outcomes within their organizations, in countries, or at the

global level. The leaders we will study are not necessarily the most visible or powerful ones, but individuals and their teams in organizations, who apply the tools of the science of public health to achieve impact at scale. Using relevant materials, case examples, and engagement of practitioners, the course will explore the art and science of consequential leadership in practice. It will focus not only on the "who", "what', but also, importantly, on "how" consequential leadership is practiced. Students will develop better self-awareness as a foundational element for exercising consequential leadership. The purpose is to provide students with a path to develop a repertoire of capabilities necessary for the exercise of leadership to solve important public health problems at scale.

The intended participants in the course include MPH and DrPH students, who are emergent and future leaders in the practice of public health.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 45 Global Health
Wave 2 | MPH 45 Global Health
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $75

Global Health & Population 534 Section: 1

Introduction to Spatial Methods for Public Health (190448)

Marcia Castro

2024 Spring (2.5 Credits) Schedule: F 0800 AM - 0930 AM

MW 0800 AM - 0930 AM

Instructor Permissions: Instructor Enrollment Cap: 20

This is an introductory level course in the conceptual and analytic tools used to understand how spatial distributions of exposure impact on processes and patterns of disease. It covers methods that allow: (i) examination of patterns of health and disease in place and time, (ii) application of geospatial technologies and methods for epidemiology, (iii) analysis of time-space relations, (iv) identification of clusters and diffusion of disease, and (v) study of geographical epidemiology of selected infectious and noninfectious diseases.
Course Activities: Assigned readings must be read in advance of class. Students will help summarize and lead discussions on several papers; complete a term project.
Students are highly encouraged to take one of the workshops on ArcGis offered by the Center for Geographical Analysis (CGA) - http://www.gis.harvard.edu.
Students who wish to enroll must email an essay (maximum half-page) to the course instructor, Marcia Castro (mcastro@hsph.harvard.edu) or submit directly within my.Harvard by 5:00pm on Friday, January 20, 2023. Applicants will be notified of their status in advance of Spring I add/drop deadline so students can plan accordingly. The essay should contain the following information: name, email, academic department and degree program, an explanation of how you will benefit from taking this course, the relevance to individual career path and/or research, and the dataset you have available to conduct spatial analysis.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 537 Section: 1

Field Methods in Humanitarian Crises (190451)

Phuong Pham

Paul Gregg Greenough

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

The purpose of Field Methods in Humanitarian Crises is to introduce students to research design and methods, analysis, and data tools and technologies applied in affected populations of complex settings such as disasters and armed conflict. The course builds participants knowledge of conceptual and methodological approaches and their applications in designing and conducting research in the context of disaster and humanitarian settings, including the evaluation of humanitarian interventions; the assessment of the needs of populations affected by sudden and slow-onset catastrophic events including complex emergencies; the emergence of inter-sectoral research, including water, sanitation, food, nutrition, shelter and protection, among others; and the significance of other disciplines such as climatology, earth sciences, urban planning and social sciences on populations at risk. Lectures for this course combine theoretical discussions with case-based didactic sessions, application exercises, relevant literature and practical examples from the field.

Requirements: Students outside of HSPH must request instructor permission to enroll

in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 542 Section: 1

Field Trip to Brazil (190456)

Marcia Castro

2024 Spring (2.5 Credits) Schedule: MTWRF 0900 AM - 0500 PM

Instructor Permissions: Instructor Enrollment Cap: 15

This course combines lectures, discussions, site visits (e.g., health facilities, governmental institutions, secretary of health, community-based programs, NGOs,), and group work. Five specific topics will be covered in the course: HIV/AIDS, malaria, tuberculosis, health systems, and nutrition.

Jan 2024 Update: Manaus, the capital of the state of Amazonas. Located in the center of the largest tropical rainforest in the world, Manaus has the largest indigenous population in Brazil according to the latest 2022 census. The historical, geographical, and cultural context offers enormous potential for sustainable development initiatives, while at the same time facing low socioeconomic levels and significant structural and logistical challenges in the health system. In particular, during the COVID-19 pandemic, the region faced extreme difficulties, including a crisis of oxygen shortage in hospitals and limitations on the number of intensive care beds. Students participating in the course will have the opportunity to learn from hands-on experience about local efforts, as well as about the Brazilian Health System, public health polices, and disease burden in the country.

Speakers include professors from Harvard and Brazilian Universities, policy makers, government officials, and representatives from social movements. Harvard Students work collaboratively with Brazilian graduate students. At the end of the course, students will present and discuss their projects. Throughout this course, students will have an opportunity to interact with faculty from Harvard as well as faculty, public health workers, researchers, and students from Brazil.

Applications for this travel course were due September 29, 2023. The course is not accepting late applicants.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 543 Section: 1

Humanitarian Frontline Negotiation Lab (190457)

Claude Bruderlein

2024 Spring (2.5 Credits) Schedule: MTWRF 0945 AM - 0345 PM

Instructor Permissions: Instructor Enrollment Cap: 50

The purpose of the Frontline Negotiation Lab is to build the capacity of graduate students to navigate complex political crises in uncertain times, to develop a strategic vision on how to respond to humanitarian, social and climate emergencies, and to plan a negotiation process in adversarial conditions. Emphasizing the direct engagement with practitioners, this course examines a series of contexts to further a critical reflection on the design of a negotiation process on the frontline, set the basis of a professional dialogue with field practitioners, and to shed light on negotiation practices in a complex environment.

Through an experiential learning approach, the course will present a systematic methodology to engage in complex negotiations in a proactive and practical manner. It will offer a set of tools and methods to plan complex negotiation as well as facilitate learning through student's engagement with seasoned practitioners working in these environments. It will complement existing courses on public policy and leadership for those planning to work in high-intensity situations such as the current pandemic, social and political crises, climate shocks, natural disasters, armed conflicts and other critical situations.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 544 Section: 1

The Mexican Health System (190458)

Martin Lajous Loaeza

Michael Reich

2024 Spring (2.5 Credits) Schedule: MTWRF 0900 AM - 0500 PM

Instructor Permissions: Instructor Enrollment Cap: 15

This winter-session course introduces students to Mexico's evolving health system. This field course will examine different aspects of the recent health reform efforts to centralize healthcare provision and strengthen primary care. The course has three components. First, one week visit to Nayarit, a state in western Mexico, where the health reform and new healthcare model are currently being implemented. Course participants visit health facilities in rural and urban areas and meet with healthcare providers, community health promoters, and local health authorities including leadership of the state's Ministry of Health. The second component is a two-week seminar series conducted in Mexico City with key leaders in Mexico's health system including policymakers, public health program implementers, researchers, non-government organization leaders, and patient advocates. The third component is specific projects where student teams work to support local organizations during the stay in Mexico City. Past projects for the January 2023 course included a proposal for the evaluation of a worksite intervention for HPV screening in manufacturing facilities in the US-Mexico border, a review of sexual abuse prevention programs and interventions to guide Mexico's federal government policy, and a stakeholder analysis and a proposal for the evaluation of the current health reform. During the course students will:

· Analyze the integration of a state health care system and a service exchange approach the federal government is implementing

· Understand the political, economic, and logistic implications of centralization and decentralization of the governance of health services

· Apply public health skills in a focused project in an organization

· Learn about ongoing challenges of health reform in Mexico with a diverse group of students from Harvard and Mexico

The David Rockefeller Center for Latin American Studies in Mexico provides support for organizing the course. The Mexican National Institute of Public Health collaborates on the course. Spanish is recommended but not required.

Applications for this travel course were due September 29, 2023. The course is not accepting late applicants.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 550 Section: 1

Social Participation, Patient Involvement and Quality of Care (221592)

Miguel Lago

2024 Spring (2.5 Credits) Schedule: R 0200 PM - 0515 PM

Instructor Permissions: Instructor Enrollment Cap: 20

The purpose of the course is to help future policy makers, scholars, civic leaders, and health professionals understand how health policies can be improved through social participation. Students will be exposed to transdisciplinary concepts at the intersection of political science, public health, sociology of science, and medical anthropology. Theory will be balanced with practice and students will learn how to design and critically evaluate participatory processes.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 552 Section: 1

Leadership Development in Global Health (190465)

Awa Coll-Seck

2024 Spring (1.25 Credits) Schedule: W 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 35

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is

taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses.

Course Note: Leadership courses are offered for ordinal grade only and are open to all Harvard University students. Students from schools other than Harvard Chan School must cross-register. Any undergraduates must first get approval from their degree program, and can take these courses for a letter grade only. These courses will fill on a first-come, first-serve basis.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 569 Section: 1

Decolonizing Global Health (218173)

Jesse Bump

2024 Spring (2.5 Credits) Schedule: M 0530 PM - 0815 PM

Instructor Permissions: Instructor Enrollment Cap: 18

Widening inequality, enduring patterns of extraction, persistent power imbalances, and ongoing marginalization stand in stark opposition with the goals of global health and standard narratives of its triumphs. The COVID-19 pandemic has brought additional awareness to racial, economic, and other inequalities within and between societies, and also has raised questions about why so much unfairness endures. This course engages and interrogates colonialism and its sequelae as major causes of current problems, aiming to define and advance a decolonization agenda. It seeks to address central weaknesses in global health's decolonization movement, particularly the limited engagement with historical scholarship and decolonization theory, which are necessary to understand the mechanisms of colonialism, and to contest its ongoing influence in global health. The course focuses mainly on the 19th and 20th centuries, placing particular emphasis on the role of public health and medicine in colonial and imperial contexts to analyze how these policy areas were shaped to serve metropolitan material and intellectual goals. Comparative case analyses will be used to illuminate the difference between decision making on health policies in colonial and metropolitan contexts, and to connect patterns of the past with intellectual and institutional features of global health. This graduate seminar course is open to masters and doctoral students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 945B Section: 1

Applied Practice and Integrative Learning Experience for Global Health (MPH45) (205233)

Peter Berman

2024 Spring (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: Instructor Enrollment Cap: 64

Section II of the two-part course for MPH45 Global Health Students.

This course is required for all students in the MPH45 Global Health Field of Study as part of the program's culminating experience requirement. The course emphasizes practical skills, and provides opportunities to connect with professionals and communities of practice in global health. The course sessions and networking opportunities are organized around:

► the global health practice experience which is undertaken throughout the academic year and for many students, provides a focus during Winter Session. For all projects at least 125 work hours need to be documented.

► a poster presentation to fellow students and faculty the application of theoretical and conceptual frameworks acquired at HSPH within the context of the global health practice experience, as well as a written project abstract and brief self-reflection on lessons learned.

Pre-requisite: GHP 945B Practice and Culminating Experience I

Grade Note: GHP 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 1.25 credits during Fall and 1.25 credits during Spring. Students only receive a grade in GHP 945 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from GHP 945.

Requirements: MPH45 Global Health students only

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Interdepartmental

Interdepartmental 212 Section: 1

Foundations of Program and Policy Evaluation (190748)

Margaret Kruk

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 64

This course provides an introduction to the evaluation of large-scale programs aimed at improving health and/or nutrition status of whole populations, rather than individuals. The emphasis of the course is on global

health and on low and middle-income countries, although the methodological approach will also be applicable to developed country settings.

The course will cover randomized cluster trials, observational or quasi-experimental designs, and implementation science designs. Students will be exposed to a broad overview of different methodological approaches, rather than focusing in great depth at any specific type of design. Instructors will use lecture, discussion, flipped classroom, case-studies and individual and small-group work.

Enrollment Note: Priority is given to GHP students.

Course Prerequisite(s): (BST 201 and EPI 201 and EPI 202) or ID 201 or (PHS 2000A and PHS 2000B), or instructor permission.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM2 GHP, PhD PHS-GHP
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisites: (BST201 and EPI201 and EPI202) or ID201
Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 217 Section: 1

Nutrition and Global Health (190752)

Wafaie Fawzi

Sheila Isanaka

2024 Spring (2.5 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 67

The course will cover existing and emerging problems related to nutrition and global health. We will review the epidemiological, biological, behavioral, and social causes and consequences of malnutrition, with emphasis on infectious disease and maternal and child health outcomes. We will also review emerging problems related to the coexistence of over and under nutrition (double burden) present in many countries. Many of the readings will address the latest evidence on the efficacy of nutrition interventions, as this knowledge is a pre-requisite to planning sound programs. Practical aspects related to programs, including nutrition assessment, types of study design, and other aspects of monitoring and evaluation will also be presented and discussed in class.

At the end of the course students will be able to:

· Describe the different forms of malnutrition and their causes and consequences
· Understand how to assess and measure the nutritional status of populations based on dietary, anthropometric, biochemical and clinical measurements.
· Critically review the literature on the role of nutritional factors on health outcomes, and identify strengths and weaknesses of studies on global nutrition.
· Discuss the latest findings from epidemiologic studies on the role of nutrition in the prevention, care, and treatment of key infectious and maternal and child health outcomes.
· Integrate nutritional research findings into field programs; consider practical issues related to program design and implementation, and design an implementation research plan on a current topic related to nutrition and global health.
· Communicate research findings related to nutrition and health with leaders and policymakers in global contexts.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

HSPH Interdepartmental

Subject: Interdepartmental

Interdepartmental 218 Section: 1

Financial Transactions and Analysis (223089)

Bonnie Blanchfield

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This intensive course introduces concepts of financial accounting to the non-accountant user of financial information. Basic accounting transactions, statement preparation, concepts of accrual vs. cash accounting, and nonprofit healthcare accounting are presented in the first half of the course. The first half of the course should illustrate that recording accounting transactions can be an art as well as a science. The second half of the course focuses on financial statement analysis and assessing financial health. This course includes prework that should be completed before the start of the course.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN Students
Wave 2 | MPH-GEN and MPH-EPI students
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Requirements: See Class Notes for details. MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Interdepartmental 252 Section: 1

Ethical Basis of the Practice of Public Health (219668)

Susannah Rose

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

This course is intended to provide students with an understanding of the major ethical issues confronting health care delivery and public health practice. This course will provide familiarity with some of the fundamental ethical theories that have shaped our thinking about key public health issues. We will engage in lively virtual discussions on challenging issues such as: mandatory vaccinations, paternalistic public health policies, rationing of health care resources, the use of quarantine, genetic screening, and access and "rights" to health care. Students will learn to analyze complex ethical problems, and to apply philosophical theories to produce well-reasoned policy recommendations.

Class Notes: This course is only open to MPH-GEN students.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 256 Section: 1

Evaluating Today's Complex Public Health Initiatives (220457)

Tamara Calise

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

Evaluation is one of the 10 essential public health functions, one of the seven core competencies of health education, and is critical to effective practice. This course uses the CDC Evaluation Framework, a specific public health evaluation framework, to explore several dimensions of evaluation. Topics will introduce students to general purposes and uses of program evaluation; the theory of program and policy evaluation and the methods and techniques used in the broad field of public health; ways program logic models are used to illustrate a program's "road map," goals, and objectives; ways to interpret and disseminate evaluation findings; and criteria and standards for assuring a program evaluation is sound and accountable. Students will develop comprehensive understanding of the phases of program evaluation, with an emphasis on community-based programs, comprehensive initiatives, and systems approaches. The course is designed to guide students in thinking critically about how health initiatives work, and, how evaluators can make them work better using various approaches. To achieve this goal, I will expose students to readings and resources, discussions about terminology and concepts, and provide feedback on assignments and opportunities for hands-on practice.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 273 Section: 1

Innovation and Entrepreneurship in Health Care (221626)

Richard Siegrist

Adele Houghton

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 43

The Innovation and Entrepreneurship in Health Care course will expose you to the theory and practice of innovation and entrepreneurship in health care settings. The course will use a case to illustrate and explore each session topic. The first two-thirds of the case sessions focus on various aspects of starting and growing a new health care venture, whether a for-profit or nonprofit enterprise. The final third of the class sessions

focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit, or governmental organizations engaged in health care.

Following each case session, you will work with a small team of learners from the class to apply the concepts learned in developing a solution for a major public health problem. Through this course, we hope to prepare you to encourage effective innovation and intrapreneurship within an existing organization and contribute to the success of or start an innovative, entrepreneurial venture improving public health. The course emphasizes the development and practical application of innovation and entrepreneurial skills in the health care sector.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN Students
Wave 2 | MPH-EPI Students
Wave 3 | Approved Petitioners

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: This course is for MPH GEN & MPH EPI students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $50

Interdepartmental 275 Section: 1

MPH Generalist Integrative Learning Experience (222040)

Emily LaRose

Monica Rivera Bueno

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

This course is required for all students in the MPH Generalist program as part of the program's culminating experience requirement. The course is designed to provide you with practical and applied knowledge of understanding, diagnosing, evaluating, and positively impacting policy or programs.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

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Interdepartmental 276 Section: 1

Introduction to Nutrition Science (222092)

Shilpa Bhupathiraju

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 30

What are nutrients? How does the human body absorb and utilize nutrients? How is nutrition relevant to certain chronic diseases? What nutrients are linked to malnutrition in the United States and globally? What are the principles of a healthy dietary pattern? This foundational nutrition science course answers these and other nutrition-related questions. Topics covered in the course include digestion and absorption of nutrients; macronutrients (carbohydrates, protein, and fats); micronutrients (water-soluble and fat-soluble vitamins, minerals); macronutrient metabolism; water and electrolytes; global nutrition and chronic disease and nutrition; and understanding different study designs utilized in nutritional research. Students will practice critically evaluating nutrition information and research.

Class Notes: Priority Wave Groups

Wave 1 | MPH-GEN and MPH-EPI

Wave 2 | MPH-GEN and MPH-EPI, and approved petitioners

Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing

Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM

Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM

Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: See Class Notes for details. MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Material Fee Tier	< $25

Interdepartmental 290 Section: 1

Emergency Response, Disasters, and Public Health (219670)

William Vanderwagen

Paul Venton

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

The purpose of this course is to provide cognitive and heuristic tools to public health practitioners to be well prepared to plan for, respond to, recover from, and mitigate the impact of health disasters precipitated by a variety of threats. The course will provide learners with an awareness of the wide-ranging collaborative processes necessary among public health and medical service providers, as well as cross sectoral dependencies on others such as energy, transportation, public safety, etc. Upon completion of this course, the learner will understand and be able to utilize tools and processes to save lives, reduce the burden of suffering, and speed communities to recovery in the face of disasters.

Class Notes: This course is only open to MPH-GEN students.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 523 Section: 1

Investigating Outbreaks (224140)

Kayla Laserson

Samir Sodha

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

The investigation of disease outbreaks both predates and gave birth to the fields of epidemiology and public health. In the modern day, tried and true epidemiologic methods persist along with new, sophisticated methods of discovery. The topic of outbreaks is also the fodder of movies and television with fictional characters playing the glamorous role of "disease detectives" solving "ripped from the headlines" situations. This course is "grounded in the evidence-base" and draws from the literature and our own field-based experience.

This course combines the fundamental epidemiologic skills that you have gained throughout your program

and applies them to the investigation of an outbreak. Mastery of the knowledge and skills in this area will foster the use of problem-solving frameworks and implementation strategies needed to address future outbreak situations that you may face in your career. The course will require you to follow along with an outbreak investigation case example, and the real-time experience of attempting to address these scenarios will illustrate the complexities and unexpected nature of outbreak investigations.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH-GEN and MPH-EPI
Wave 2 | MPH-GEN, MPH-EPI, and approved petitioners
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Pre-requisites: (ID 201) OR (BST 206 & BST 207 & EPI 208) OR (ID 207 & ID 208)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 529 Section: 1

Data Management and Analytic Workflows in R (221627)

Jarvis Chen

2024 Spring (2.5 Credits) Schedule: MTWRF 0130 PM - 0530 PM

Instructor Permissions: None Enrollment Cap: 60

Data Management and Analytic Workflows in R will introduce students to R programming and modern data management and analysis workflows applied to examples from population health science. Throughout, we will emphasize reproducibility, open science, data visualization, and dynamic document generation. Specific skills learned will include the use of the RStudio integrated development environment, tidy data management practices/workflows, how to get help in programming, and how to use GitHub to track changes in code, disseminate professional work, and integrate feedback. Coursework will consist of lectures, in-class group work, homework, peer assessment, and time for discussion. This course complements graduate-level courses in statistics and quantitative research methods by helping students develop practical skills for conducting independent research incorporating modern data science principles. Students completing this course will have a solid foundation enabling them to handle complex data management tasks and data communication skills for research and professional work.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD-PHS
Wave 2 | MPH-65, DrPH, SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 11/9/2023 11:00AM – 11/26/2023 11:59PM
Wave 2 | 11/27/2023 12:00AM – 11/29/2023 11:59PM
Wave 3 | 11/30/2023 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 562 Section: 1

Narrative Leadership - Using Storytelling to Mobilize Collective Action in Public Health (219662)

Predrag Stojicic

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

From global pandemics, chronic diseases, and racial inequities, public health leaders at the local, national, and global levels are facing some of the most complex and interconnected problems of modern times. However, despite our ability to produce evidence-based solutions that could improve health and well-being, their adoption is flagged due to the lack of collective action.

In this course, we will introduce the practice of leadership called Public Narrative that is rooted in community organizing and social movements. Developed by community organizer and Harvard professor Marshall Ganz, Public Narrative provides a way of thinking through the stories that mobilize people for collective action.

The goal of this course is to strengthen students' capacity to lead. We recognize that effective leaders cannot just engage the head (evidence and data). We need to learn how to engage the heart (values and emotions)

in order to translate the knowledge into the community, political, or economic power necessary for long-term change.

Whether leading one person or thousands, engaging the heart requires learning the practice of storytelling and narrative that enables the leader to identify important issues, communicate those issues, and imaginatively live them out in professional and public life.

Narrative Leadership course is designed for public health leaders who are interested in harnessing the power of storytelling to motivate others to join them in action.

Class Notes: This course is only open to MPH-GEN students.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 946A Section: 1

Applied Practice Experience for MPH Generalist (220812)

David Matheson

William Bean

Monica Rivera Bueno

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

All students completing a Master of Public Health degree in accredited schools of public health in the US must complete an Applied Practice Experience ("Practicum"). This required course is designed to provide some tools and insights that will be useful in future professional practice in health management; assist MPH Generalist students in identifying and completing a practicum experience that will be of value to their professional development; share that experience with their MPH Generalist colleagues via a "peer-to-peer" joint learning experience.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 946B Section: 1

Applied Practice Experience for MPH Generalist (220813)

David Matheson

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

All students completing a Master of Public Health degree in accredited schools of public health in the US must complete an Applied Practice Experience ("Practicum"). This required course is designed to provide some tools and insights that will be useful in future professional practice in health management; assist MPH Generalist students in identifying and completing a practicum experience that will be of value to their professional development; share that experience with their MPH Generalist colleagues via a "peer-to-peer" joint learning experience.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Molecular Metabolism

Molecular Metabolism 212 Section: 1

Molecular Mechanisms of Aging (190380)

William Mair

2024 Spring (2.5 Credits) Schedule: MF 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 12

We will explore molecular mechanisms underlying aging and aging-related disease. Topics will include nutrient signaling and energy metabolism, genome stability and proteostasis, interventional approaches to extended longevity, and theories of aging including the free radical theory. Recent and classic literature will be critically discussed.
Note: Taught odd years.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 1

Independent Study (190382)

Chih-Hao Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 2

Independent Study (190382)

Brendan Manning

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 3

Independent Study (190382)

Chih-Hao Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 4

Independent Study (190382)

Brendan Manning

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 5

Independent Study (190382)

Chih-Hao Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 6

Independent Study (190382)

Brendan Manning

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Women, Gender & Health

Women, Gender & Health 300 Section: 1

Independent Study (191282)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 10

Independent Study (191282)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 11

Independent Study (191282)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 12

Independent Study (191282)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 13

Independent Study (191282)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 14

Independent Study (191282)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 15

Independent Study (191282)

Jack Dennerlein

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 19

Independent Study (191282)

Ana Langer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 2

Independent Study (191282)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 20

Independent Study (191282)

Ana Langer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 21

Independent Study (191282)

Ana Langer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 22

Independent Study (191282)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 23

Independent Study (191282)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 24

Independent Study (191282)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 25

Independent Study (191282)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 26

Independent Study (191282)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 27

Independent Study (191282)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 28

Independent Study (191282)

Stacey Missmer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 29

Independent Study (191282)

Stacey Missmer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 3

Independent Study (191282)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 34

Independent Study (191282)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 35

Independent Study (191282)

Tamarra James-Todd

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 37

Independent Study (191282)

Grace Wyshak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 38

Independent Study (191282)

Grace Wyshak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 4

Independent Study (191282)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 40

Independent Study (191282)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 41

Independent Study (191282)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 42

Independent Study (191282)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Women, Gender & Health 300 Section: 44

Independent Study (191282)

Sereno Reisner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 45

Independent Study (191282)

Sereno Reisner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 46

Independent Study (191282)

Sereno Reisner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 5

Independent Study (191282)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 7

Independent Study (191282)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 8

Independent Study (191282)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 300 Section: 9

Independent Study (191282)

Brittany Charlton

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy and Management

Subject: Health Policy & Management

Health Policy & Management 213 Section: 1

Public Health Law (190531)

Ameet Sarpatwari

2024 Spring (2.5 Credits) Schedule: R 0530 PM - 0820 PM

Instructor Permissions: None Enrollment Cap: 50

The course is designed to provide students with an overview of what public health law is; why it matters to public health practitioners and providers; and how the law can be used to change health outcomes. Among the questions explored are:

1. What authority does the government have to regulate in the interest of public health?

2. How are individual rights balanced against this authority?

3. How can criminal statutes, civil litigation, and patent law be used to promote or negatively affect public health?

The course investigates these issues as they operate a range of specific contexts in public health and medical care, including communicable disease prevention and control, insurance coverage, mental and reproductive health care, pharmaceutical marketing, and tobacco cessation and lead abatement. The course touches on constitutional law, criminal law, tort law, and intellectual property law. Instruction is through interactive lectures with significant amount of class discussion. Most classes will revolve around two to three legal cases.

Course Note: No previous background in law is needed.

Registration Note: Priority is given to MPH45-HP students

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 45 & 65 HP
Wave 2 | MPH 45 & 65 HP, MPH 45 & 65 HM, HPM SM1, PHS NUT
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 222 Section: 1

Financial Management of Health Care Organizations (190540)

Andrew Shin

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 37

This course introduces the fundamentals of modern financial analysis that are essential to anyone working in healthcare finance, strategy, consulting, or entrepreneurship. Although most of the concepts and practices discussed are applicable to all industries, we will focus on the perspective of healthcare organizations focusing mostly on provider organizations, but also delving into pharmaceutical, medical device, and insurance companies. The course is organized around three themes: (i) valuing a project or an organization, (ii) raising capital, and (iii) strategic organizational growth and mission stability, especially in times of turbulence. Students will apply knowledge through real-life scenarios they are likely to encounter in the first year "on the job" such as: business case analysis for a new project or company, M&A due diligence, and organizational financial performance analysis.

This class builds on courses in financial accounting and managerial accounting by teaching key concepts and practices related to the financial management of healthcare organizations. Essentially, this is a "corporate

finance" course tailored to the particular needs and dynamics of the health care sector. At its core, financial management requires an understanding of the value of assets, the cost of capital, and the relationship between risk and return.

Course Prerequisites: HPM219

Registration Note: Restricted to MPH-HM 45 and MPH-HM 65 students. Non MPH-HM students will require instructor approval.

Requirements: Prerequisite: HPM219 (may be taken concurrently)
Restriction: MPH-45 HM or MPH-65 HM

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 223 Section: 01

Public Speaking for Managers (190541)

Jack Rossin

2024 Spring (1.25 Credits) Schedule: T 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 15

This course gives the student the opportunity to develop skills in oral communication. Emphasis is placed on the techniques most useful to managers. Students will receive feedback in a supportive classroom environment.

Registration Note: HPM students only. Non-HPM students require instructor approval.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH 65 HM, MPH45 HP, MPH65 HP, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending

no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course Restricted to HPM students (or instructor permission).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 231 Section: 1

Healthcare Organizations and Strategy (190549)

Mariam Atkinson

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

Successful organizations are led by people capable of managing decisions with important tradeoffs and implications for long-term viability. Using selected readings and case studies of healthcare organizations, students will be able to think critically about real-life, classical examples of organizations dealing with strategic decision point dilemmas. We will focus on strategy as a way of thinking about organizational challenges and potential solutions, using tools such as environmental analysis, internal analysis, ethical decision-making, and organizational design and strategy implementation. Since this course emphasizes foundational theories and concepts in strategy, it is intended for those with no/limited strategy exposure.

Registration Note: First priority is to HPM students (MPH Health Management and MPH Health Policy)

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH65 HM, MPH45 HM
Wave 2 | MPH65 HP, MPH 45 HP, HPM-SM1 & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $75

Health Policy & Management 245 Section: 1

Public Health Meta-Leadership Skills through Crisis and Change (190563)

Leonard Marcus

Eric McNulty

2024 Spring (2.5 Credits) Schedule: MTWRF 0830 AM - 0620 PM

Instructor Permissions: None Enrollment Cap: 48

Many T.H. Chan graduates eventually find themselves in significant public health leadership positions. The COVID-19 experience has underlined the importance of crisis leadership for those at the front lines of public health. These leadership roles provide the opportunity to initiate significant change and progress – to make a difference - on critical public health issues and problems. . This course provides you the opportunity to learn the key leadership lessons. The text used for the course is authored by the instructors: "You're It: Crisis, Change and How to Lead When It Matters Most."

For students who aspire to such responsibilities, this course provides a focus and framework to integrate your overall HSPH experience into your public health leadership trajectory. The week builds upon the concepts of "meta-leadership" and its widely oriented practices. The topics range from developing a better understanding for who you are as leader - with your strengths and weaknesses - as well as analytic strategies to better link leadership vision to organizational operations and logistical progress. You will find that you integrate your overall T.H. Chan learning into your leadership focus, with methods and strategies for evidence based situational awareness incorporated into your leadership profile. You will also find that you are better oriented and capable to generate connectivity of effort among people and organizations rallied to coalesce around critical public health priorities.

Students are encouraged to explore and develop their leadership passion which links to progress on matters of population health importance. The class has a very active and engaging learning laboratory format, including a combination of lecture, discussion, role play exercises and on-the-spot presentations and feedback by instructors and fellow students. It will draw on relevant recent and current events including the COVID-19 pandemic. Over the course of the week, students are active in developing a learning community, experiencing its evolution and applicability to leadership roles they assume over their career.

Note: Enrollment limited to 48 students.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's

courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 247 Section: 1

Political Analysis and Strategy for U.S. Health Policy (190565)

Adrianna McIntyre

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 70

Health policy making in the U.S. has a strong political dimension. This course offers analytical insights into understanding U.S. health policymaking and developing political strategies that influence health policy outcomes. The course provides strategic skills for those in future leadership roles to influence the health policy process. Major topics to be covered include analyzing how health policy is shaped by interest groups, media, public opinion, legislative lobbying, elections, coalition building, policy legacies, institutions, and the politics of information. Student-led case studies focus on the politics of health policies in the U.S., including the Covid-19 pandemic, the debate over the expansion of Medicaid, and abortion policy. This course must be taken for a grade and is not open to auditors.

Course note: This course is not open to auditors.

Registration Note: Priority goes to DrPH, PhD - HLTH Policy, HPM SM1, MPH45-HP, and MPH65-HP students.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HP, MPH65 HP, DRPH, HPM SM1, PhD - HLTH Policy
Wave 2 | MPH45 HM, MPH65 HM, & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority

wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 252 Section: 1

Negotiation (190570)

Linda Kaboolian

2024 Spring (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
			R 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	78

The ability to negotiate successfully rests on a combination of analytic and interpersonal skills. Negotiators must execute promising strategies based on their analysis of the multitude of factors that affect the negotiation and that structure the definition of a successful outcome.

Among these issues are the context and the structure of the negotiation, the interests of the other parties, the opportunities and barriers to creating and claiming value on a sustainable basis, and the range of possible moves and countermoves both at and away from the bargaining table, the value of the relationships, personal goals and ethical considerations.

Interpersonal skills are important because negotiations are interactions with counterparts. Effective negotiators influence the behavior of other parties, correctly read the actions, intentions and preferences of counterparts, communicate their own perspectives and intentions well, and are aware of and can correct for their own cognitive and emotional biases. Strong interpersonal skills make it possible to execute one's own strategy and react to moves by counterparts effectively.

This course will present conceptual frameworks that will help you analyze negotiations in general and prepare more comprehensively for future negotiations in which you may be involved. In class analysis of case studies and readings from applied game theory, social psychology, political theory and behavioral economics, we will draw out lessons from ongoing, real-world negotiations. Through participation in negotiation simulations, you will have the opportunity to exercise your powers of communication and persuasion, and to experiment with a variety of negotiating strategies and tactics. The simulation exercises draw from a wide variety of contexts and their aim is to illustrate concepts and tools that apply to a variety of negotiations settings. In-class debriefs of your experience as well as your outcomes will help you make adjustments in your negotiating practice that better reflect your intentions and preferences.

I hope that in addition to developing a better understanding of strategy, you will learn a great deal about yourself in this course. You will have repeated exposure to situations that involve a shifting mix of opportunities for cooperation and competition as well as important ethical choices. The main pedagogical perspective is to improve your own repertoire of action practice and by reflecting on your practice. As a

result, your negotiating effectiveness should increase significantly. Overall, I expect that you will finish the course as an analytically savvy, flexible, efficacious negotiator.

Registration Note: Priority goes to DrPH students

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | All DrPH Students
Wave 2 | All DrPH and All HPM Students
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $125

Health Policy & Management 255 Section: 01

Payment Systems in Healthcare (190573)

Jean Yang

2024 Spring (2.5 Credits)		Schedule:	MW 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	60

The admonition "Follow the money" is good advice to anyone seeking a deeper understanding of any health care system. Money is a major tool for shaping the delivery of health care, for both good and ill. This course will follow the money as it flows through provider payment systems, and examine the effects of these flows on those who give, receive and pay for health care. Topics will include current payment methods for hospital care and physicians as well as innovative payment strategies and models under development. Cross-national examples will be used occasionally to gain greater understanding of some of the challenges that face all health care systems in designing successful provider payment systems. Guest speakers will provide a first-hand perspective on selected topics.

Registration Note: Priority registration for HPM students (MPH-HM, MPH-HP, HPM-SM1).

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, MPH45 HP, MPH65 HP, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 278 Section: 1

Skills & Methods of Health Care Negotiation & Conflict Resolution (190593)

Leonard Marcus

Eric McNulty

2024 Spring (2.5 Credits)		Schedule:	TR 0800 AM - 0930 AM
Instructor Permissions:	None	Enrollment Cap:	64

This course introduces students to the theories and practices of interest based negotiation and conflict resolution. Particular emphasis is on integrating analytic skills, negotiation techniques and conflict resolution methods into students' public health practice took kit. The course builds upon the book compiled by the instructors, "Renegotiating Health Care: Resolving Conflict to Build Collaboration, Second Edition." Based upon examples of conflict and negotiation facing health systems, students learn how to apply the concepts and methods of "The Walk in the Woods" - a four step process of interest-based negotiation. A portion of the class is devoted to health care and public health simulation exercises in which negotiation concepts and methods are demonstrated and practiced. These exercises model disputes typical of the challenges and problem solving now facing health leaders. The debriefing which follows each exercise offers individual feedback, as well as the opportunity to examine applied issues of organizational communication, system design, and conflict. By the end of the course, students will have knowledge of the overt and covert causes of conflict, concepts for analyzing disputes and a variety of methods that you can use to creatively prevent, resolve and when necessary, constructively raise conflict.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, MPH45 HP, MPH65 HP, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 285 Section: 1

Applied Survey Research for Health Policy and Management (212547)

Gillian SteelFisher

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

Surveys are an essential tool in health policy and management, where it is critical to understand the perspective of patients, physicians and other care providers, as well as the broader public. Surveys are utilized to inform policy and program management design, to track changes over time, and to evaluate policy and program impact.

This course focuses on helping students interested in health policy and management to learn central skills in survey study design, questionnaire development as well as interpretation and analysis. The course will cover multiple modes, including telephone, internet, text, mail and face-to-face surveys. The course welcomes students interested in both domestic and international health policy issues, and will cover methodologies suitable to environments with variable research infrastructure. The course will focus on applied techniques specific to survey development, management and interpretation rather than statistical information related to sampling and analysis of survey data, which is available in other courses. Students will get hands-on experience in questionnaire design and interpretation, as well as the opportunity to develop their own survey-based projects.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $75

Health Policy & Management 300 Section: 1

Independent Study (190611)

Kimberlyn Leary

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 10

Independent Study (190611)

Bonnie Blanchfield

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 100

Independent Study (190611)

Ameet Sarpatwari

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 101

Independent Study (190611)

Ameet Sarpatwari

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 103

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 104

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 105

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 105

Independent Study (190611)

Howard Koh

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 106

Independent Study (190611)

Sarthak Das

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 107

Independent Study (190611)

Sarthak Das

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 108

Independent Study (190611)

Sarthak Das

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 109

Independent Study (190611)

Linda Cyr

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 11

Independent Study (190611)

Bonnie Blanchfield

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 110

Independent Study (190611)

Linda Cyr

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 111

Independent Study (190611)

Linda Cyr

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 112

Independent Study (190611)

Linda Cyr

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 113

Independent Study (190611)

Ankur Pandya

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 114

Independent Study (190611)

Ankur Pandya

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 115

Independent Study (190611)

Ankur Pandya

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 116

Independent Study (190611)

Mariam Atkinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 117

Independent Study (190611)

Mariam Atkinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 118

Independent Study (190611)

Mariam Atkinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 12

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 120

Independent Study (190611)

Emma-Louise Aveling

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 122

Independent Study (190611)

Mariam Atkinson

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 123

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 124

Independent Study (190611)

Jill Roncarati

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 125

Independent Study (190611)

Jill Roncarati

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 126

Independent Study (190611)

Jill Roncarati

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 128

Independent Study (190611)

Vilsa Curto

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 129

Independent Study (190611)

Michael Barnett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 130

Independent Study (190611)

Michael Barnett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 131

Independent Study (190611)

Michael Barnett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 135

Independent Study (190611)

Emma-Louise Aveling

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 141

Independent Study (190611)

Benjamin Sommers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 142

Independent Study (190611)

Benjamin Sommers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 143

Independent Study (190611)

Benjamin Sommers

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Health Policy & Management 300 Section: 152

Independent Study (190611)

Emma-Louise Aveling

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 16

Independent Study (190611)

Patrick Whitney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 17

Independent Study (190611)

Patrick Whitney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 18

Independent Study (190611)

Patrick Whitney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 2

Independent Study (190611)

Kimberlyn Leary

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 20

Independent Study (190611)

Lindsay Martin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 200

Independent Study (190611)

Susannah Rose

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 201

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 21

Independent Study (190611)

Lindsay Martin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 22

Independent Study (190611)

Lindsay Martin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 23

Independent Study (190611)

Nancy Turnbull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 24

Independent Study (190611)

Linda Kaboolian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 25

Independent Study (190611)

Linda Kaboolian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 26

Independent Study (190611)

Linda Kaboolian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 27

Independent Study (190611)

Anne Occhipinti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 28

Independent Study (190611)

Meredith Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 29

Independent Study (190611)

Meredith Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 3

Independent Study (190611)

Kimberlyn Leary

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 30

Independent Study (190611)

Meredith Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 31

Independent Study (190611)

Meredith Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Health Policy & Management 300 Section: 34

Independent Study (190611)

Nancy Turnbull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 35

Independent Study (190611)

Nancy Turnbull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 36

Independent Study (190611)

Nancy Turnbull

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 37

Independent Study (190611)

David Bates

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 38

Independent Study (190611)

David Bates

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 39

Independent Study (190611)

David Bates

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 48

Independent Study (190611)

Anne Occhipinti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 49

Independent Study (190611)

Jane Kim

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 50

Independent Study (190611)

Jane Kim

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 51

Independent Study (190611)

Jane Kim

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 55

Independent Study (190611)

Anne Occhipinti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 56

Independent Study (190611)

Deborah DiSanzo Eldracher

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 58

Independent Study (190611)

Leonard Marcus

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 59

Independent Study (190611)

Leonard Marcus

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 6

Independent Study (190611)

Andre Nogueira

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 60

Independent Study (190611)

Leonard Marcus

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 64

Independent Study (190611)

Richard Siegrist

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 65

Independent Study (190611)

Richard Siegrist

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 66

Independent Study (190611)

Richard Siegrist

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 7

Independent Study (190611)

Andre Nogueira

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 71

Independent Study (190611)

Amy Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 72

Independent Study (190611)

Amy Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 73

Independent Study (190611)

Amy Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 74

Independent Study (190611)

David Hemenway

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 75

Independent Study (190611)

David Hemenway

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 76

Independent Study (190611)

David Hemenway

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 77

Independent Study (190611)

Joseph P. Newhouse

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 78

Independent Study (190611)

Joseph P. Newhouse

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 8

Independent Study (190611)

Andre Nogueira

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 83

Independent Study (190611)

Jeff Levin-Scherz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 84

Independent Study (190611)

Jeff Levin-Scherz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 85

Independent Study (190611)

Jeff Levin-Scherz

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 86

Independent Study (190611)

Amy Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 87

Independent Study (190611)

Amy Rosenthal

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 88

Independent Study (190611)

Howard Koh

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 9

Independent Study (190611)

Bonnie Blanchfield

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 90

Independent Study (190611)

John McDonough

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 91

Independent Study (190611)

David Hemenway

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 92

Independent Study (190611)

Richard Siegrist

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 93

Independent Study (190611)

William Bean

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 94

Independent Study (190611)

Susannah Rose

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 95

Independent Study (190611)

Susannah Rose

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 96

Independent Study (190611)

Anna Sinaiko

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 97

Independent Study (190611)

Anna Sinaiko

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 98

Independent Study (190611)

Anna Sinaiko

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 300 Section: 99

Independent Study (190611)

Ameet Sarpatwari

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 503 Section: 1

Understanding Public Health Leadership: From Frameworks to Practice (206904)

Howard Koh

2024 Spring (1.25 Credits) Schedule: MTWRF 0130 PM - 0500 PM

Instructor Permissions: Instructor Enrollment Cap: 25

Understanding public health leadership should represent a dynamic, lifelong process. Among other things, it can involve discovering and applying theories and frameworks, learning from proven and effective real-world leaders, analyzing strategies and skills such leaders have employed, and engaging in personal reflection. Of note, theory and science alone are never enough to enable change; effective practitioners must also constantly hone and refine skills. Strategies include improving systems thinking, generating creative options to address pressing problems and guide decision-making, and effectively communicating decisions to motivate change. In this seminar course, students will address these dimensions, among others, to nourish and revisit their own personal concepts of public health leadership for their future careers.To be admitted to this five-day course, students must first complete a brief application describing their current views on leadership.
Those accepted to the course will then: 1) Learn about a range of modern-day leadership frameworks and

strategies 2) Study specially designed leadership case studies about three national public health leaders who tackled complex societal challenges, as well as interact directly with them in the class 3) Reflect in small groups about lessons learned In their final essay, students will compare/contrast how the leadership frameworks apply to these national leaders; analyze the effectiveness of the leaders' decision-making and communication strategies; and reflect on how the weeklong class experience affects and changes their own personal views on leadership.
Enrollment Requirements:
To be admitted into this course students must complete an application consisting of six short-answer questions
available at: https://harvard.az1.qualtrics.com/jfe/form/SV_9EOsKi7wVzTNcdE or https://tinyurl.com/HPM503-2024
Course Application Due: November 7, 2023, at 11:59 PM EST
Email completed applications to kvanda@hsph.harvard.edu
Admission Decisions: Students will be notified on November 8, 2023 by EOD
Enrollment Opens: November 9, 2023, at 11:00 AM EST
Admitted degree program students must submit a petition for enrollment (https://www.hsph.harvard.edu/r-ostudent-knowledge-center/course-petitioning/) Once the petition is approved, do not forget to finalize enrollment in the course! Enrollment in the course is not finalized until this step is taken. Click Enroll
Enrollment Deadline: January 3, 2024, at 11:59 PM EST
Note: Admitted Non-degree candidates must complete enrollment between December 7-14, 2023

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 505 Section: 1

Health Care Delivery Reform in the US (206976)

Michael Barnett

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 45

Health care delivery in the US is an enormous, complex, and fragmented system of hospitals, clinics, rehabilitation facilities and other services. The overall purpose of this course is to provide students with a strong foundation of knowledge on the current state of the US health care delivery system and to develop

tools to understand and critically evaluate major delivery reforms. This course has three main objectives: (1) illustrate the current state of health care delivery across the spectrum of settings (e.g. hospital, clinic, nursing home) and the major challenges facing this system; (2) develop a deep understanding of important delivery reform initiatives being pursued across the US and critically evaluate their capacity to achieve intended change; and (3) explore the challenges in implementing these delivery reforms.

Special emphasis will be placed on considering delivery system change after the COVID-19 pandemic in 2020.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HP, MPH65 HP, HPM SM1
Wave 2 | MPH45 HM, MPH65 HM, & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 506 Section: 1

Practical Scientific Methods for Improving Health and Heath Care (207025)

Donald Goldmann

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 50

Despite rapid advances in science and translational research, there are enormous gaps between what we know (the evidence from research) and the effectiveness of prevention and care services we provide.

Improvement in health and health care outcomes has been agonizingly slow, but increasing global evidence and experience suggest that progress can be accelerated through a scientific approach to quality improvement. The purpose of this on-line course is to provide you with practical, yet rigorous methods and tools for tackling problems and getting results in public health and health care, or, in fact, for achieving credible results in any field where gaps between "knowing and doing" exist.
This course uses engaging videos, personal improvement projects, and interactive assignments to teach the fundamentals of improvement science. We will emphasize a flexible and practical methodology, The Model for Improvement, but will crosswalk this model with other approaches you are likely to encounter, including implementation science, Lean, and Six Sigma. In addition, we will explore how methods from other scientific disciplines can accelerate improvement, especially epidemiology, qualitative and ethnographic methods, program design and evaluation, information science, and behavioral science/behavioral economics. You will practice what you learn by designing, implementing, and evaluating your personal improvement project. Course faculty will offer tips on performing rigorous, publishable projects as part of routine work (including how to differentiate between quality improvement and research that requires approval from institutional human studies review boards). You will practice what you have learned by critiquing published quality improvement studies, including successful and unsuccessful efforts to scale-up promising improvement ideas. We will encourage discussion of the intersection between improvement initiatives and global equity and social justice issues. Faculty and teaching assistants will provide real-time feedback through Canvas.

Class Notes:

Enrollment Requirements
Students enrolled in the MPH-EPI and MPH-GEN programs have priority enrollment in this course. Summer-focused students may waitlist themselves without receiving instructor permission. All academic year students must request instructor permission prior to adding themselves to the waitlist.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI. MPH-GEN Students
Wave 2 | MPH-EPI, MPH-GEN, MPH Summer-Focused and approved petitioners
Wave 3 | MPH-EPI, MPH-GEN, MPH Summer-Focused and approved petitioners

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Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending

no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: This course is for MPH GEN & MPH EPI students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 509 Section: 1

Disability Policy in the U.S. (217836)

Ellen Meara

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

A broad definition of health incorporates the ability to participate in a full range of activities inside and outside the home. What happens when people live with health conditions that impede one's ability to learn, work, or live independently? What policies and programs in the U.S. support the income, health care needs, and civil rights of people living with disability? In what ways do these policies work well and where do they fall short? The goal of the course is to identify major public programs and legislation likely to affect people with disabilities, to help students gain the background to analyze how policy changes have worked well or poorly to serve the needs of people living with disability, and to use this evidence base to think critically about potential changes to disability policy moving forward. We will examine public programs that provide income support (Social Security Disability Insurance and Supplemental Security Income), health insurance (Medicare and Medicaid), and civil rights protections (Americans with Disabilities Act). We will also consider special populations including people with mental illness or substance use disorders, and people who need long term services and supports. Course materials will draw upon journal articles from clinical, health policy, and social science, as well as grey literature. Students will be assessed based on participation, policy memos, and a final project focused on state disability policy.

Of note: Although this class has a "lecture" format, student participation via in-class discussions, small group work, and in-class policy exercises is required.

Requirements: HSPH: PW Degree Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 511 Section: 1

State Health Policy (211389)

John McDonough

2024 Spring (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This course offers an introduction to U.S. health policy as practiced by state governments. With special expert guests and experiential exercises, we will consider states' roles in: Medicaid, individual and employers private health insurance, public health including community and environmental health, delivery system reform, professional regulation and licensure, and more.

Course Note: It is helpful for students to have some previous knowledge of US Health Policy prior to taking this class.

Class Notes: Prerequisites: HPM 210 or HPM 211 or HPM 246A or HPM 247.

Requirements: Prerequisites: HPM 210 or HPM 211 or HPM 246A or HPM 247

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Health Policy & Management 513 Section: 1

Writing Persuasively About Public Health (205644)

Gregory Harris

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: Instructor Enrollment Cap: 18

This intensive course in effective writing focuses on the strategies and techniques behind great persuasive writing in topics related to public health. Every element of writing for a general audience will be explored and addressed, as well as every stage of the process, from idea generation to revision. Weekly writing assignments, along with many focused exercises, will hone skills and provide ample opportunity for feedback.

Registration Note: Enrollment in Writing Persuasively About Public Health is by permission of the instructor. To apply, please submit (1) A 200-300 word statement about a topic you wish to write about in public health and why you wish to write about it, (2) a 200-300 word self-evaluation of your strengths and weaknesses as a writer, and (3) a 3-page sample from something you've previously written. This can be an academic paper, an assignment for another class, or something written outside of school. It can be an excerpt from a longer piece. Please submit this to the course instructor via email.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 516 Section: 1

Healthcare Quality & Equity in the US (190625)

Jose Figueroa

Rishi Wadhera

2024 Spring (2.5 Credits)		Schedule:	TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	46

The state of healthcare quality and equity in the United States is a national concern. The objectives of this course is to help students understand the conceptual frameworks, effectiveness, and limitations of how we measure and improve quality and equity of healthcare systems in the United States. Importantly, it will also provide a comprehensive overview of state and national policies that influence quality and equity of health care, including value-based payment reform and an understanding of how structural racism has shaped the US healthcare system. This course will also feature guest speakers that will share real-world insights into innovative ideas, policies, and programs aimed at making health care systems and health equity better.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 45 HM, MPH 65 HM, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 523 Section: 1

Homelessness and Health: Lessons from Health Care, Public Health, and Research (217853)

Jill Roncarati

Maggie Sullivan

2024 Spring (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	40

Timely action and critical reflection in the areas of poverty, racial/ethnic health inequities, and homelessness are necessary. With more than 580,000 people experiencing homelessness on any given night and approximately 1.4 million people relying on emergency shelters over the course of year, homelessness continues to be a significant problem in the United States (U.S.). Events such as the COVID-19 pandemic and social uprisings against racial injustices compel public health providers and researchers to better understand and address the vulnerabilities of people experiencing homelessness.

While homelessness in the U.S. is a complex issue intersecting the fields of health care, public health, and policy, this course will lead students through an introduction. We examine pathways to homelessness, disproportionately affected communities, and unique health care needs including COVID-19. The history of Health Care for the Homeless (HCH) programs and examples of other programs are discussed. Strategies for incorporating trauma-informed care into practice are identified. We discuss the fundamentals of research in homelessness and health, including innovative programs and ethical considerations. Clinicians, practitioners, and researchers share their perspectives. We employ active learning and solution-oriented approaches to challenging and persistent issues.

Requirements: HSPH: PW Degree Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 527 Section: 1

Health Data and Public Policy (221982)

Ray Campbell

2024 Spring (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course will survey the major types of health data used in making health policy, and will look at the role health data plays in addressing several major state health policy challenges. Upon completion of this course you will be able to: describe the most important types of health data used to support state health policymaking; identify the analytic strengths and weakness of each type of health data; provide examples of each type of data being used to support major health policy initiatives in different states; and communicate with precision about the ways health data can support better health policy. The course will cover health data and health policy issues of national importance, while also looking at the tremendous variation in state-level approaches. Each student will write three short policy memos examining health data and health policy issues from either a national or state-level perspective.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 538 Section: 1

Pharmaceutical Development and Pharmacy Distribution: Markets and Policy (217854)

Troyen Brennan

2024 Spring (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 40

The purpose of this course is for students to develop familiarity with the nuances of pharmaceutical development, and the transmission in commerce, economics and public health implications of medications. The course is intended to range over the entire lifespan of a medication—from initial development, through manufacturing, ownership by managed care organizations and into retail pharmacies. Students should expect to have a good grasp of the financial, economic, and public health aspects of the distribution of medications in the United States. The course focuses on the domestic pharma, insurance and retail pharmacy business, but lessons from other counties, in particular Western Europe, will be used to help bring into relief policies pursued in the United States. Two major prisms will be used to examine our system of development and distribution: market incentives and policy optimization. The format is lecture, with use of guest lecturers from academia and industry for particular topics. In particular, the guest lecturers are intended to provide real world views of the topics we discuss and view from an academic point of view.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 543 Section: 1

Quantitative Methods for Policy Evaluation (190648)

Cassandra Peitzman

Anas El Turabi

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 45

This course helps students develop the tools they need to evaluate policy interventions, social programs, and health initiatives. To answer these questions, students will develop a flexible set of analytical tools, including both the ability to design an evaluation study and the ability to evaluate existing studies critically.
By the end of the course, students will be able to construct a well-designed study to answer well-posed questions, gauge the adequacy of available data, implement an econometric analysis, interpret results from quantitative studies, and draw policy implications. The course focuses on health policies such as public health insurance expansions and public health campaigns, but the techniques are broadly applicable to other realms such as welfare or education. The course also provides a practical introduction to quantitative methods for policy evaluation, including regression analysis, propensity score matching, difference-in-differences, instrumental variables, and regression discontinuity.

Course Note: The course material is quantitative and builds on a base of statistics fundamentals, including knowledge of hypothesis testing and confidence intervals. The prerequisite is a course in basic statistics and probability, such as ID 201, BST 201, or an equivalent course. During the course, students will analyze data sets using Stata or an alternative statistical software package (such as R, SAS, or SPSS). Familiarity with at least one statistical software package, such as Stata or R, is helpful but not required.
Prerequisites: A course in basic statistics and probability, such as ID 201, BST 201, BST 202 & 203, BST 206 & 207, BST 206 & 208, BST 210, BST 213, EPI 208, or an equivalent course. Concurrent enrollment is allowed.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HP, MPH65 HP
Wave 2 | MPH45 HM, MPH65 HM, PHS NUT, HPM SM1 & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Any of the following meet the pre-requisite for HPM 543: ID 201, BST 201, BST 202 & 203, BST 206 & 207, BST 206 & 208, BST 210, BST 213, EPI 208. Concurrent enrollment is allowed.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 545 Section: 1

Economics of Health Care: Public vs. Market Resolutions (190650)

Benjamin Sommers

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 67

The objective of this course is to learn how to think about the major issues facing the federal and state governments as they consider how best to regulate the U.S. health care system, using an applied economics

framework. In particular, the goal is for students to be able to articulate which issues require government intervention to be resolved, which problems can be resolved by private markets, and why. The course builds on introductory microeconomics and focuses on real-world examples of market failures, government policy options, and unintended consequences of public policy interventions. Among the issues we will examine in the course are: how to finance health insurance; appropriate use of risk adjustment and other strategies to manage the insurance risk pool; approaches to cost-sharing by patients; subsidies for insurance purchase; the effects of individual and employer mandates for insurance coverage; and approaches to managing health care spending. These issues all involve choices about the extent to which markets can resolve the issues and what types of government policies would help the markets work more efficiently and/or more fairly.
Course Prerequisite(s): HPM206, GHP 230, or permission of instructor if you have previously completed an alternative course in microeconomics. For the latter option, please submit by email to

a copy or link to the course syllabus of the class you took previously, as well as documentation of your grade in the course.

Registration Note: Priority given to HPM students (MPH-HP, MPH-HM, HPM-SM1)

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, MPH45 HP, MPH65 HP, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: HPM206

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 548 Section: 1

Responsible Conduct of Research (190653)

Delia Wolf Christiani

2024 Spring (1.25 Credits)		Schedule:	F 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	90

This course meets the NIH training requirement for all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award, research education grant, or dissertation research grant. It describes basic ethical and regulatory requirements for conducting research. Topics include the following:

1. conflict of interest – personal, professional, and financial – and conflict of commitment, in allocating time, effort, or other research resources
2. policies regarding human subjects, live vertebrate animal subjects in research, and safe laboratory practices
3. mentor/mentee responsibilities and relationships
4. safe research environments (e.g., those that promote inclusion and are free of sexual, racial, ethnic, disability and other forms of discriminatory harassment)
5. collaborative research, including collaborations with industry and investigators and institutions in other countries
6. peer review, including the responsibility for maintaining confidentiality and security in peer review
7. data acquisition and analysis; laboratory tools (e.g., tools for analyzing data and creating or working with digital images); recordkeeping practices, including methods such as electronic laboratory notebooks
8. secure and ethical data use; data confidentiality, management, sharing, and ownership
9. research misconduct and policies for handling misconduct
10. responsible authorship and publication
11. the scientist as a responsible member of society, contemporary ethical issues in biomedical research, and the environmental and societal impacts of scientific research

Course Note: HSPH Graduate students, post-doc fellows, and HSPH junior faculty members will be allowed to take the course without paying tuition, but are expected to attend all lectures, participate in class discussions and complete homework assignments.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 552 Section: 2

Health Policy and Leadership (190656)

Andrew Dreyfus

2024 Spring (1.25 Credits) Schedule: T 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership experience. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses

Class Notes: This course will examine the underlying mission and role of health plans and study cases where private health plans – particularly not-for-profit plans -- attempted to advance health care reform through expanded coverage, value-based payments, improved health equity, better care for people with serious illness, and expanded access to mental health services. Drawing on case studies from Massachusetts and other states, the course will explore the competing economic and political positions of regulators, employers, health plans, health providers, and patients and how leaders negotiate tradeoffs, which in turn influences the pace and scope of change. Finally, this course will also consider how health insurers contribute to conflict and inefficiency in the US health system. Students will be encouraged to share their perspectives, both positive and negative, with health insurance, and the class will explore whether other models of health coverage would advance more meaningful change in the US. The course will also evaluate what further steps private plans could take to improve health care affordability, quality, equity and public health. Ultimately, the class will attempt to answer the question: Can health plans be a force for good?

This will be an interactive, discussion-based course. While there are no formal prerequisites to this course, students should know that there will be limited lectures to provide background about the US Health System. The major assignment for the class will be a policy memo – written to a health plan CEO -- that recommends advancing one aspect of health system change.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 561 Section: 1

Loneliness and Public Health (215109)

Jeremy Nobel

2024 Spring (1.25 Credits) Schedule: TWRF 0900 AM - 1215 PM

Instructor Permissions: None Enrollment Cap: 16

The course will have two major components: an intensive didactic learning curriculum composed of lecture,

assigned readings, and discussion, and an experiential team-based collaborative project.
For the didactic portion, students will learn the 'ins and outs' of loneliness within the public health landscape, as well as key tools and a framework for developing successful public health interventions. Class discussions will also cover loneliness as it relates to the current COVID-19 pandemic and its effect on at-risk populations. Required and optional readings will be assigned before class. Lectures will be followed by a systematic and engaged unpacking of the material in interactive discussion.
In the collaborative project component of the course, students will form into teams and develop their own effective, scalable and sustainable public health interventions designed to tackle loneliness, with a key emphasis on identifying and eliminating barriers to success and developing measurement models to assess benefit. The group project will culminate in an oral presentation on the final day of class, and the delivery of a written report.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Winter Session	Winter Session

Health Policy & Management 566 Section: 1

Advocacy and Organizing for Health Policy (221988)

Amy Rosenthal

Alexander Sheff

2024 Spring (1.25 Credits) Schedule: M 0530 PM - 0730 PM

Instructor Permissions: None Enrollment Cap: 30

A public health degree is an important tool for preparing individuals who want to advance health care policy changes on behalf of individuals, families and specific populations of people. But how do you make this change happen? How do you take a policy from conception to implementation? How do you do this with a particular focus on the people who use the health care system, particularly those whose voices often go unheard?

This class will prime students to be able to conceptualize, manage and advance advocacy campaigns aimed at making health care policy. It will provide students with an understanding of both the very practical, hands-on skills they need to drive change and how to make the strategic decisions to advance their work. Students will work on one health policy issue area of their choice throughout the course, putting the building blocks in place to make change in their community, state or country.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 567 Section: 1

Population Health Management (221736)

Stephanie Ferguson

2024 Spring (2.5 Credits) Schedule: MTWRF 0800 AM - 0430 PM

Instructor Permissions: None Enrollment Cap: 30

This course is designed to examine and develop strategies to improve health within and across populations. We will cover patterns of health determinants; population and primary health care management principles; decision science for public health nursing, policies, and interventions; and public health metrics and outcomes. The course will be delivered in nine three-hour sessions with pre- and post-course work expected. Pre-Requisite: HPM 564. You must have received a grade in HPM 564, Health Systems Strengthening, prior to taking this course. Course restricted to students in the Harvard Global Public Health for Nurse Leaders Certificate program.

Class Notes: Pre-Requisite: HPM 564. You must have received a grade in HPM 564, Health Systems Strengthening, prior to taking this course. Course restricted to students in the Harvard Global Public Health for Nurse Leaders Certificate program.

Requirements: .Pre-Requisite: HPM 564.
You must have received a grade in HPM 564, Health Systems Strengthening, prior to taking this course.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy & Management 568 Section: 1

Designing and Managing Person-Centered, Safe Care Organizations (222003)

Susan Edgman-Levitan

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

The person-centeredness and safety of health care is a national concern. Several new initiatives led by HHS, AHRQ and the Institute for Healthcare Improvement are revitalizing the focus on person-centered care and patient safety, especially in the wake of the COVD pandemic. This course will share the history of these two interrelated movements over the last twenty years to inform future healthcare leaders about how to ensure that the care they lead is person-centered and safe for patients and their workforce. It will also focus on evidence-based strategies to improve the measurement and delivery of care that matters most to patients, clinicians, administrators, and health system leaders. The course will also include information about national policies that have influenced the quality and safety of care. Guest speakers will share the important historical landmarks and will emphasize recent developments and innovative initiatives and policies that are important for emerging healthcare leaders. This course is designed to prepare a broad range of students interested in careers as healthcare leaders, clinicians, researchers, and consultants with the conceptual background and practical improvement strategies to impact the delivery of care.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 569 Section: 1

U.S. Presidents and Pandemics (224047)

David Blumenthal

2024 Spring (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	30

Over the past century, US presidents have been forced to respond to numerous actual or threatened pandemics - from the Great Influenza to Ebola to COVID-19. These responses have varied substantially in their tactics and results, but they have all faced challenges inherent to the role of the presidency. Infectious threats to national security are likely to persist and grow in coming years, and it will be vital to understand how to advise both the president and other leaders.

The first half of this course will equip you with the history and foundational knowledge of pandemics, responses, and the role of the US presidency. The latter half of the course will take a deeper dive into these topics through targeted case studies, exploring what worked and what didn't and drawing lessons for future presidential pandemic management.

The course will take an applied and practical lens through not only the case studies, but also through the readings and lectures. Throughout the term, you will hear from a variety of senior experienced leaders and advisors on this crucial intersection of presidents and pandemics.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $75

Health Policy & Management 571 Section: 1

For the Mission or the Money? Hospitals & the Changing Landscape of Health Care Provision in America (221816)

Alecia McGregor

2024 Spring (2.5 Credits)		Schedule:	TR 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	30

When COVID-19 arrived in the United States in March 2020, experts questioned whether the hospital system would collapse under the stress of the pandemic. With fewer hospital beds per capita than almost any other industrialized nation, the U.S. health care system hung in a precarious balance. In the decades preceding the pandemic, hospitals, and critical hospital service lines, disproportionately closed in communities of color- the very communities that were most at risk for COVID infection, hospitalization and death. How did the state of hospital care arrive at this point? In this seminar, we will trace the evolution of the hospital as a community-based institution with a social mission to its increasingly common location as part of large, integrated hospital systems that operate as business enterprises.

We will explore questions such as: How has hospital care in the United States evolved over the last century? How have federal and state public policies influenced the frequency of hospital mergers, reconfigurations and closures? How does the arrangement of hospital systems affect access to acute care locally and nationally, in rural and in urban areas? How prepared were U.S. hospitals for COVID-19, and how has the pandemic impacted the hospital sector? What role do smaller non-hospital entities, such as ambulatory surgical care centers and community health centers play in providing care? What implications do hospital business decisions have on equity of access across race, class and place?

Class Notes: A course materials fee may apply for this course. An upper estimate is

listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Health Policy & Management 572 Section: 1

Reforming Policies and Regulations (222070)

Stephanie Ferguson

2024 Spring (2.5 Credits) Schedule: MTWRF 0830 AM - 0430 PM

Instructor Permissions: None Enrollment Cap: 15

This course will build on the 7C's model (Atun, R. & Moore, G., 2021), Primal Health Coach Institute (PHCI) Conceptual frameworks, theories, and deliverables from both HPM 564 and HPM 567. It will place the model theories and frameworks in the specific context of policies and regulations, and then use that positioning to extend the prior deliverables.

In this course, students will gain additional necessary knowledge to plan, implement, and evaluate action- and learning-based regulatory and policy reform strategies and interventions. They will review global exemplars of approaches taken and implemented by diverse regulatory organizations and learn skills for developing models and making recommendations that will transform and strengthen their designated health systems and health profession regulatory models. Building on the applied project from HPM 564 and HPM 567, students will learn to prepare a policy brief and needed regulatory reform recommendations for their final applied project part 3. The course will be delivered in nine three-hour sessions with pre- and post-course work expected.

Requirements: Pre-Requisites: HPM 564 & HPM 567
Course restricted to students in: Harvard Global Public Health for Nurse Leaders Certificate

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy & Management 573 Section: 1

The Volume to Value Transition: Value-Based Care in Healthcare Organizations (224134)

Bonnie Blanchfield

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 45

Improving the value of care delivered is a focus of health systems globally as they address the challenge of improving health in a financially sustainable manner. Through financial incentives and other methods, value-based care aims to hold providers more accountable for improving patient outcomes while also giving them

greater flexibility to deliver the right care at the right time. In this course you will learn the reasons behind the volume to value transition, strategies to affect that transition, challenges in shifting to a value-based model of care, and actions to mitigate those challenges. The approach to learning will include critical reviews of the theory behind value-based care as well as practical experience from leaders in the field who have been "in the trenches." Upon completion of the course you will be prepared to critically evaluate value-based care efforts from a strategic, operational, and policy perspective to enable you to become future value-focused leaders. This course is intended to be an elective course for Health Management students but may be of interest to Health Policy and DrPH students.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 574 Section: 1

Digital Health (224215)

Lisa Gualtieri

2024 Spring (2.5 Credits)		Schedule:	MW 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	25

The course focuses on current and emerging digital health technologies and how they are used, how people generate data through smartphones, sensors, trackers, and other devices and how providers generate data about patients, and how data can be used to assist in prevention, diagnosis, treatment, and behavior change for individuals and populations. Digital health is also replete with solutions in search of problems. This elective course will help you both to evaluate existing technologies and design novel ones to understand what where digital health has been successful, when it has failed, and the many factors including design, adoption, usability, functionality, privacy, and ethical issues.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 575A Section: 1

People, Power & Change: A Practicum in Leadership, Organizing and Action (224224)

Marshall Ganz

2024 Spring (2.5 Credits)		Schedule:	F 0100 PM - 0530 PM SS 0900 AM - 0530 PM F 0100 PM - 0530 PM SS 0900 AM - 0530 PM
Instructor Permissions:	Instructor	Enrollment Cap:	12

"In democratic countries, knowledge of how to combine is the mother of all other forms of knowledge; on its progress depends that of all the others," de Tocqueville observed. Fulfilling the democratic promise of equality, accountability and inclusion requires the participation of an "organized" citizenry that can articulate and assert its shared interests effectively. We can practice democracy by organizing others to confront major

public challenges by enabling muted voices to be heard, values to be translated into action, and political will to be mobilized.

Leadership in organizing requires accepting responsibility to enable others to achieve shared purpose in the face of uncertainty. Organizers ask three questions: who are my people, what is our challenge, and how can we turn resources we have into the power we need to meet that challenge. In this module students learn to work as leadership teams to reach out to constituents to design an organizing campaign. Students learn as reflective practitioners of leadership of their campaign: building relationships committed to common purpose; turning values into motivated action through narrative; strategizing to turn resources into the power to achieve outcomes; taking effective action; and structuring leadership collaboratively.

NOTE: In Spring 2024, MLD-377M will be offered as a two-week practicum during the Spring 1 Module, with in-person instruction limited to two intensive workshops on the weekends (February 23-25 and March 1-3, 2024). The course will have a maximum enrollment of 63 students, including cross-registered students. Interested students should complete the Student Commitment Form below. See Course requirements below for more details about the structure of and participation requirements for this module course.

Please note, students taking MLD-377M in Spring 1, must also register for MLD-378M in Spring 2.

Course requirements include:

· Attendance: Students will attend two weekend practicum sessions, or workshops, [February 23-25; March 1-3], the core "classroom" component of this class. Workshops will begin on Friday afternoon and continue in full day sessions on Saturday and Sunday. Attendance is required for all sessions.

· Coaching and Team Meetings: Students meet one-to-one with their small group coach for 10 to 15 minutes in the week before the practicum and in their team for 30 minutes three times over the course of the week in between the two practicum sessions.

· Readings: Pre-practicum readings are required, and additional readings are recommended for each session. A case will be assigned for reading between Workshop #1 and Workshop #2.

· Reflection Paper: Students are required to write a 600 word pre-practicum introductory worksheet.

· Final Paper: Students are required to write a 600 word final paper reflecting on their practical, conceptual, and individual learning.

Registration for this course has two required steps:

1. Complete this

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

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Health Policy & Management 575B Section: 1

People, Power & Change: A Practicum in Leadership, Organizing and Action (224225)

Marshall Ganz

2024 Spring (2.5 Credits)		Schedule:	TR 1200 PM - 0115 PM
Instructor Permissions:	Instructor	Enrollment Cap:	12

In the first module of Organizing: People, Power and Change, students learn to form a leadership team, decide on a shared purpose and design a campaign to act on that purpose. In the second module, students organize the campaign: campaign kick-off, developing leadership, innovating tactics, engaging with power,

and winning, losing, and learning. In lecture, we focus on that week's challenge, drawing insight from cases, and other resources. In section, we coach each team on practices useful in meeting their challenges. We conclude with reflection, celebration, and what's next.

Please note, students taking MLD-377M in Spring 1, must also register for MLD-378M in Spring 2.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy & Management 945B Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH45) (205237)

Amy Rosenthal

Audrey Gasteier

2024 Spring (1.25 Credits) Schedule: W 0530 PM - 0700 PM

Instructor Permissions: Instructor Enrollment Cap: 48

This course focuses on public policy process from a political perspective, identifying key shareholders, political processes, government structure, and the role of conflict resolution in the formation of health policy. Fieldwork provides practical experience in health policy development.
This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).
Grade Note: HPM 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in HPM 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in HPM 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from HPM 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from HPM 945.

Requirements: Course Restricted to MPH45 Health Policy Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course

Health Policy & Management 946B Section: 1

Applied Practice and Integrative Learning Experience for Health Management (205240)

William Bean

2024 Spring (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: Instructor Enrollment Cap: 62

This course explores the managerial skills required of public health professionals in any setting -- leadership, interdisciplinary teams, and communication. Fieldwork provides practical experience in health management.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: HPM 946 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in HPM 946 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in HPM 946A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from HPM 946A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from HPM 946.

Requirements: Course Restricted to MPH45 Health Management Students

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Health Care Management

Health Care Management 702.2 Section: 1

Marketing (213400)

Linda Maccracken

2024 Spring (1.25 Credits)

Schedule: S 0945 AM - 1115 AM
S 0945 AM - 1115 AM
S 1130 AM - 0100 PM
S 0945 AM - 1115 AM
S 1130 AM - 0100 PM
S 0945 AM - 1115 AM

Instructor Permissions: None

Enrollment Cap: 32

Marketing in the digital landscape calls for a variety of challenges as consumer digital adoption, technology, emerging competitors and data integration changes rapidly. This class prepares students to be effective marketing leaders in landscapes that require focused resource allocation that integrate digital and physical services, and equips them to make strategic decisions in preparing and approving customer centered initiatives. Students will gain a working knowledge of the marketing landscape based on quantifiable addressable market, differentiation, brand strength, customer centricity and targeted engagement through product, place / channel, pricing and promotion in competitive markets. Students will use cases and a team based project learn to critically assess marketing plans and evaluate a range of approaches and methods to measure value driven offerings. Plan on fast-paced case discussions and hands-on group project work.

Course Restriction: HCM Students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 707.3 Section: 1

Health Care Management Practicum (213392)

Linda Cyr

Don Michaels

Henry Bernstein

2024 Spring (2.25 Credits)

Schedule: F 0345 PM - 0515 PM
S 0800 AM - 0930 AM
F 0345 PM - 0515 PM

Instructor Permissions: None

Enrollment Cap: 32

The Practicum provides students with an opportunity to integrate and apply the knowledge and leadership skills gained throughout the MHCM program by completing a comprehensive, independent project of their own choosing during the academic year. Students' self-selected projects might entail transforming an existing situation within their existing organizations or developing a business plan for a completely new, innovative initiative. Students will propose a project, develop a project plan, and build the business case to win approval and implement the idea.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 709.2 Section: 1

Communication Skills for Managers (213491)

Jack Rossin

2024 Spring (0.63 Credits)

Schedule: S 0200 PM - 0330 PM
M 1130 AM - 0100 PM
S 0200 PM - 0330 PM
M 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 32

Health care executives are increasingly called upon to communicate with a wide range of internal and external groups. This course will focus on the competencies necessary to deliver presentations successfully in a variety of situations that involve subordinates, superiors, with the board, peers, and external constituencies like the media. Students will learn to analyze challenging communication situations, prepare for contingencies, think on their feet, answer difficult questions and develop poise and confidence under pressure.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 719.2 Section: 1

Financial Transactions and Analysis (213493)

Samuel Levitt

2024 Spring (1.25 Credits)

Schedule: F 0945 AM - 1115 AM
F 1130 AM - 0100 PM
S 0800 AM - 0930 AM
F 0945 AM - 1115 AM
S 0800 AM - 0930 AM
F 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 32

This intensive course introduces concepts of financial accounting to the non-accountant user of financial information. Basic accounting transactions, statement preparation, and concepts of accrual versus cash accounting are presented in the first half of the course. The remainder of the course focuses on financial analysis of a variety of health care organizations.

Course Note: Completion of pre-work on basic accounting concepts required before class begins. Working ability with spreadsheets also required.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 720.2 Section: 1

Cost Accounting and Control Systems (213495)

Richard Siegrist

2024 Spring (1.25 Credits)

Schedule: S 0800 AM - 0930 AM
M 0945 AM - 1115 AM
M 0800 AM - 0930 AM
S 0800 AM - 0930 AM
M 0945 AM - 1115 AM
M 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as responsibility accounting, budgeting, reporting and variance analysis.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 731.2 Section: 1

Competitive Strategy Determination (213497)

Mariam Atkinson

Laurie Sprung

2024 Spring (1.25 Credits) Schedule: S 0800 AM - 0930 AM
M 0945 AM - 1115 AM
S 0945 AM - 1115 AM
S 0800 AM - 0930 AM
M 0945 AM - 1115 AM
S 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

This course focuses on the conceptual framework needed to plan for the long-term viability of health care organizations. Using selected readings and case studies of both health care and non-health care organizations, students will learn to appreciate the concepts of competitive strategy and competitive advantage primarily through practice in analysis. The objective is to provide students with the conceptual tools and the practical skills to enable them to formulate, execute, and evaluate organizational strategy.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 755.2 Section: 1

Provider Payment Systems and Policy (213499)

Jeff Levin-Scherz

Carolyn Langer

2024 Spring (1.25 Credits) Schedule: S 1130 AM - 0100 PM
S 1130 AM - 0100 PM
M 1130 AM - 0100 PM
S 0200 PM - 0330 PM
S 0200 PM - 0330 PM
M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

This course is taught in two parts; the course focuses on the policy, operations and finance of provider payment, as well as the legal and contractual elements of provider payment. The course will evaluate multiple dimensions of health care cost and payment, with an emphasis on how payment systems influence provider organization, behavior and performance. The focus of this course is the US health care system, although class members will do an exercise involving provider payment across multiple countries. Participants will review sources and uses of health care dollars, and examine how these have changed in recent years as well as further changes that are likely as a result of legislative and regulatory initiatives. We will examine various stakeholder points of view on health care finance- and assess how changes in finance methods lead to changes in health care delivery and can lead to different experiences and outcomes for both providers and patients.

The legal and regulatory sessions will cover the key legal issues with which the health care executive needs to be familiar. The goal is to provide some sensitivity to the basic structure of the law, not to train the class as amateur lawyers. If successful, the students will be in a position to ask their legal team reasonable questions, relating to the underlying rationality of the law.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 758.3 Section: 1

Field Project in Quality Improvement (213396)

Josko Silobrcic

Catherine Kreatsoulas

Evan Benjamin

2024 Spring (1 Credits) Schedule: M 0800 AM - 0930 AM
M 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

This course will provide physician executives with pragmatic, applied, real-world insights into quality improvement (QI) in healthcare organizations, based on the application of proven strategic and tactical frameworks, methodologies and tools to their own quality-related field projects, performed during the 2nd academic year of the MHCM program. Throughout their efforts, from project conception, design and planning, to measurement, implementation, analysis and follow-up actions, the students are mentored and guided (individually and in small groups) by expert course faculty. The course follows and closely

complements the HCM 711 (Quality Improvement and Quantitative Methods in Quality Management) summer/fall course, which provides the conceptual and methodological bases, analytic tools and practices for the field project. At the end of this course, students will be better prepared for and substantially proficient in their own roles in quality improvement and management, leading/supporting their organizations' efforts in those areas using sound, science-based and systematic, methodical and analytic approaches and processes.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 777.2 Section: 1

Innovation and Entrepreneurship in Health Care (216359)

Richard Siegrist

2024 Spring (0.65 Credits) Schedule: S 1130 AM - 0100 PM
S 1130 AM - 0100 PM
S 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 778.2 Section: 1

Skills & Methods of Health Care Negotiation & Conflict Resolution (215811)

Linda Kaboolian

2024 Spring (1.25 Credits) Schedule: F 0200 PM - 0330 PM
F 0345 PM - 0515 PM
S 0200 PM - 0330 PM
F 0200 PM - 0330 PM
S 0200 PM - 0330 PM

F 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

The objective of this course is to improve negotiation, communication and conflict resolution skills for use in professional and personal settings. This course introduces students to the theory and practice of negotiation and conflict resolution. Particular emphasis is placed on integrating analytic skills, negotiation techniques and conflict resolution methods into the practice of health care management. The class is organized around hands-on simulations where general concepts and methods are demonstrated and practiced. These exercises model fundamental dilemmas in negotiation and are generalizable to disputes typical of health care settings and health care management problems. The debriefings that follow each exercise offer individual feedback, as well as the opportunity to examine applied issues of organizational communication, system design and conflict.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 782.2 Section: 1

Innovative Problem Solving & Design Thinking for Health (213501)

Linda Cyr

2024 Spring (1.25 Credits) Schedule: F 0945 AM - 1115 AM
S 0945 AM - 1115 AM
F 1130 AM - 0100 PM
F 0945 AM - 1115 AM
F 1130 AM - 0100 PM
S 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

The capacity to innovate is critical in today's rapidly changing healthcare environment. Design thinking is a disciplined approach to innovation that has been adopted by leading healthcare organizations (e.g. Mayo Clinic, Kaiser, IBM Watson Health) and government agencies (e.g. CDC, HHS). In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions. This course includes a mix of individual and group exercises in class as well as a series of assignments that enable students to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches developed in other courses.

Course restriction: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Decision Science

Decision Science 202 Section: 1

Decision Science for Public Health (204407)

Sue J. Goldie

2024 Spring (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 67

Challenges in public health policy and clinical medicine are marked by complexity, uncertainty, competing priorities and resource constraints. This course is designed to introduce the student to the methods and applications of decision analysis and cost-effectiveness analysis in clinical and public health decision making. The objectives of the course are: (1) to provide a basic introduction to the methods and tools of decision science, and to recognize when, how, and in what context they can provide value in clinical and public health decision making; (2) to equip students with the ability to structure and bound a decision problem logically (articulating the objective, perspective, and time horizon), identify key elements (alternatives, uncertainties, and outcomes) and influential factors (preferences, risk attitudes, values); (3) to provide students with basic skills in revising probabilities given new information, building and analyzing decision trees, conducting cost effectiveness analysis, performing sensitivity analyses, and communicating results; (4) to enable students to thoughtfully and critically evaluate published analyses conducted to evaluate or inform clinical strategies, health technologies, and public health policies in developed and developing countries.

This course serves as a pre-requisite for RDS 285 and RDS 288. Students cannot take RDS 202 if they have already taken RDS 280 or RDS 286 (exceptions only allowed with permission of RDS 202 instructor).

Class Notes:

This course serves as a pre-requisite for RDS 285 and RDS 288. Students cannot take RDS 202 if they have already taken RDS 280 or RDS 286 (exceptions only allowed with permission of RDS 202 instructor)

Enrollment Requirements
Students enrolled in the MPH-EPI and MPH-GEN programs have priority enrollment in this course. All other students must request instructor permission with priority of permission granted to students in a summer-only/summer focused program. Students will be enrolled in the course (if space available) according to the following waves:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI and MPH-GEN

Wave 2 | All other students with instructor permission
Wave 3 | All other students with instructor permission

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Requirements: Students enrolled in the MPH-EPI and MPH-GEN programs have priority enrollment in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Decision Science 282 Section: 1

Economic Evaluation of Health Policy & Program Management (191104)

Stephen Resch

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 70

This course features the application of health decision science to policymaking and program management at various levels of the health system. Both developed and developing country contexts will be covered. Topics include: [1] theoretical foundations of cost-effectiveness analysis (CEA) with comparison to other methods of economic evaluation; [2] challenges and critiques of CEA in practice; [3] design and implementation of tools and protocols for measurement and valuation of cost and benefit of health programs; [4] use of evidence of economic value in strategic planning and resource allocation decisions, performance monitoring and program evaluation; [5] the role of evidence of economic value in the context of other stakeholder criteria and political motivations.
Course Prerequisites: Students must have taken RDS280 or RDS286. Concurrent enrollment is allowed. Prior coursework in Microeconomics is recommended.

Requirements: Prerequisites: RDS280 OR RDS286 (concurrent enrollment allowed).
Prior coursework in Microeconomics is recommended.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Decision Science 285 Section: 1

Decision Analysis Methods in Public Health and Medicine (191106)

Nicolas Menzies

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 60

An intermediate-level course on methods and health applications of decision analysis modeling techniques. Topics include Markov models, microsimulation models, life expectancy estimation, cost estimation, deterministic and probabilistic sensitivity analysis, value of information analysis, and cost-effectiveness analysis.

Course Note: Familiarity with matrix algebra and elementary calculus may be helpful but not required; lab or section times to be announced at first meeting.

Course Prerequisites: (BST201 or ID201 or (BST 206 and BST 207)) and (RDS280 or RDS286 or RDS 202). Concurrent enrollment is allowed for RDS 286. Concurrent enrollment is not allowed for RDS 202.

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HP, MPH65 HP, DRPH, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Pre-requisites: (BST201 or ID201 or (BST 206 and BST 207)) and (RDS280 or RDS286 or RDS202). Concurrent enrollment is allowed for RDS 286. Concurrent enrollment is not allowed for RDS 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Decision Science 290 Section: 1

Experiential Learning and Applied Research in Decision Analysis (206897)

Ankur Pandya

2024 Spring (2.5 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 24

This course is geared towards Masters-level students from any department. Students will undertake semester-long research projects on a clinical or public health decision problem using decision analysis, simulation modeling, and/or cost-effectiveness analysis. Each session will be dedicated to a particular topic of decision analytic methods or student presentations of prospectus, works-in-progress, and final projects. Students may work alone or in pairs, including at least one student who is familiar with the clinical content area of the project.

Prerequisite: (RDS 280 or 286 or 202, any of which cannot be taken concurrently to satisfy the prerequisite) and (RDS 285, which can be taken concurrently to satisfy the prerequisite, or 288)

Requirements: Prerequisite: (RDS 280 or 286) and (RDS 285 or 288)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 240 Section: 01

Principles of Injury Control (190764)

David Hemenway

2024 Spring (2.5 Credits) Schedule: R 0400 PM - 0650 PM

Instructor Permissions: None Enrollment Cap: 50

This course provides an introduction to a serious public health problem - intentional and unintentional injury - and provides a framework for examining control options. Specific categories of injuries, such as motor vehicle crashes and violence, and specific risk factors for serious injury such as firearms, are examined in detail.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, MPH45 HP, MPH65 HP, HPM SM1
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology and Infectious Disease

Subject: Immunology Infectious Disease

Immunology Infectious Disease 209 Section: 1

Microbial Communities and the Human Microbiome (211163)

Curtis Huttenhower

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

This course introduces students to the human microbiome and other microbial community concepts, including survey topics on relevant components of immunology, microbiology, ecology, health practice, and bioinformatics. It includes examples of the human microbiome's relevance to public health, such as chronic disease (e.g. cancer, inflammatory bowel disease). It also introduces study design considerations, model systems, and technologies for studying the microbiome in public health. Students completing the course will be able to:

- Identify translational, basic biological, and population health topics relevant to the microbiome.
- Read and discuss current research literature on microbial community studies.
- Employ animal, molecular, and computational tools for microbial community research.
- Propose and execute introductory studies incorporating microbiome components and molecular technologies.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Immunology Infectious Disease 250 Section: 1

Biology and Control of Vector-Borne Parasites (214485)

Daniel Neafsey

Flaminia Catteruccia

2024 Spring (5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This advanced readings course focuses on a group of vector-borne parasitic protozoa and helminthes that are responsible for the highest burden of disease in developing countries. Central themes in the biology of transmission, parasite-host interactions and opportunities for control will be covered in the framework of the unique biology of eukaryotic parasites including Plasmodium, Leishmania, trypanosomes and schistosomes. Weekly lectures from Harvard faculty and invited speakers will enhance critical readings of the current literature and student-led discussions, and will emphasize experimental approaches and mechanisms of parasitic infection from the perspective of molecular and cellular biology, genomics, and evolution. Final group presentations of short research proposals will be required. The primary course goal is for students to attain deep mechanistic understanding of select topics in vector-borne parasite biology and to be able to critically evaluate and explain to others the rationale and limitations of disease control measures.
The target audience for this course is early PhD students interested in parasite and vector biology as well as students in the Infectious Disease Epidemiology (ID-Epi) concentration or medical students.
Pre-Requisites
Strong background in molecular biology, cell biology, genetics; ability to critically read primary experimental literature. If you are unsure of your preparation for this class, please contact the course director.
The content of this course is complementary to IID201 but does not overlap; IID 250 will focus on biological/molecular aspects of parasitic disease control, whereas IID201 focuses primarily on epidemiological and programmatic aspects of parasitic disease control. IID201 is not a prerequisite for this

course.

Immunology Infectious Disease 350 Section: 1

Research (190843)

Matthias Marti

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Inquiries about specific research opportunities should be addressed to the chair of the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Master of Public Health

Subject: Master of Public Health

Master of Public Health 102 Section: 2

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 75

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Open only to students in the MPH-EPI, MPH-GEN, MPH CLE, and part-time MPH-45 programs.

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

This is a fully online course with set due dates for each module. Course content includes on-demand lectures and synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

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Master of Public Health 103 Section: 1

Leadership and Communication (213632)

Ted Witherell

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 75

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Open only to students in MPH-EPI, MPH-GEN, MPH-CLE, and part-time MPH-45 Programs.

Please direct all questions about this course to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

This course is fully online with set due dates for each module. Course content includes on-demand video lectures and synchronous engagement opportunities.

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104 Section: 2

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Monica Wang

Miranda Mancusi

2024 Spring (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 300

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Open only to students in the MPH-GEN, MPH-EPI, MPH-CLE. and part-time MPH-45 programs.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

MPH 104 Winter Session is fully online, with asynchronous content and synchronous engagement opportunities.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 106A Section: 1

Intersectoral Perspectives in Public Health (222989)

Daniela Lewy

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 500

In addition to relying on technical proficiencies, public health practitioners must actively seek out the perspectives from professionals outside of public health, as well as those with lived experience. Perspectives from other sectors and professions offer valuable insight into complex public health problems and can contribute to partnerships, collaborations, and more nuanced and effective solutions. This course will provide frameworks, theories, and examples of evidence-based intersectoral collaboration that can be incorporated into students' applied learning experience and future public health practice.

Class Notes: MPH 106 is open to students in the MPH Program only. The course is fully online and asynchronous.

Please direct all questions to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

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Master of Public Health 106B Section: 1

Intersectoral Perspectives in Public Health (222990)

Daniela Lewy

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 500

In addition to relying on technical proficiencies, public health practitioners must actively seek out the perspectives from professionals outside of public health, as well as those with lived experience. Perspectives from other sectors and professions offer valuable insight into complex public health problems and can contribute to partnerships, collaborations, and more nuanced and effective solutions. This course will provide frameworks, theories, and examples of evidence-based intersectoral collaboration that can be incorporated into students' applied learning experience and future public health practice.

Class Notes: MPH 106 is open to students in the MPH Program only. The course is fully online and asynchronous.

Please direct all questions to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Nutrition

Subject: Nutrition

Nutrition 202 Section: 1

The Biological Basis of Human Nutrition (190912)

Stephen Juraschek

Abrania Marrero

2024 Spring (5 Credits)		Schedule:	TR - TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	30

This course teaches the biochemistry and metabolism of carbohydrates, fats, proteins, vitamins, and minerals in the context of human disease. Contemporary topics are emphasized. Particular emphasis is given to current knowledge of the mechanisms that may explain the role of diet in the causation and/or prevention of ischemic heart disease, diabetes, obesity, hypertension, and cancer.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHS NUT, MPH65 NUT, BPH
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 206 Section: 1

Nutrition Seminars, Part II (190916)

Walter Willett

2024 Spring (1.25 Credits) Schedule: M 0101 PM - 0150 PM

Instructor Permissions: None Enrollment Cap: 40

Seminar series on current topics in nutrition.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 213 Section: 1

Nutrition Science Translation and Applications (212973)

Aviva Musicus

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 20

This course aims to provide practical skills necessary for translating nutrition science research into public health programs and policies. It seeks to answer the question, how can we best use nutrition research to enhance public health. It is designed for Nutrition MPH students, for whom it is a required course; other interested students are welcome. Key topics include: learning to evaluate the scientific literature on human nutrition; learning how nutrition policies and programs are formulated, proposed, adopted, and implemented; and exploring levers of nutrition-related behavioral change. The class includes student presentations on a topic of choice within any of these key areas.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH65 NUT

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM

Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

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Nutrition 219 Section: 1

Food, Culture, and Health (224146)

Josiemer Mattei

Abrania Marrero

2024 Spring (1.25 Credits)		Schedule:	T 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	24

This seminar-based course will explore diverse literature in anthropology, the nutritional sciences, and public health to examine the multifaceted role of human food cultures in nutrition and health. We identify and evaluate the cultural, social, psychological, economic, historical, agricultural, political, and ecological factors that influence food-related behavior in contemporary human cultures. The course explores the interrelation between food production, preparation, and consumption patterns with personal and social identities and values, and how these dynamics influence the perceptions of – and scientific evidence around – defining 'health' and health outcomes across cultures. We incorporate socioecological and bio-cultural perspectives as main frameworks in the course but will explore other relevant theories and conceptual frameworks, including health equity frameworks.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 221 Section: 1

US Food Security and Food Programs (224037)

Cindy Leung

2024 Spring (2.5 Credits)		Schedule:	MW 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	24

This course is a critical exploration of the issues related to US food security and food programs. In particular, we will examine the array of negative health consequences associated with food insecurity over the life

course, discuss potential mechanisms underlying these associations, and the influence of federal food programs to address food insecurity and health equity.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 235 Section: 1

Statistical Methods for Microbiome Data Analysis (219681)

Kyu Ha Lee

2024 Spring (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

This course reviews unique characteristics of microbiome data produced by high-throughput sequence technologies. It provides an overview of classic and newly developed statistical methods for the analysis of microbiome data. This course may be of interest to students wishing to develop strong quantitative skills for comprehensive analysis of microbiome data from public health research.

Requirements: Pre-Req: BST201 or ID201 or PHS2000

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 250 Section: 1

Precision Nutrition: Dietary intervention studies and nutrition omics (216277)

Iris Shai

Jun Li

2024 Spring (2.5 Credits) Schedule: MTWRF 0800 AM - 0930 AM
MTWRF 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 13

Aim of the course: Developing knowledge and skills for designing, analyzing, and interpreting dietary intervention trials.

Dietary intervention trials have played a key role in establishing the causality between diet or nutrient intake and health outcomes and in the determination of dietary requirements and levels of supplementations to achieve specific outcomes. In this course, we will discuss the concepts and elements of nutritional RCTs, how to design, conduct, analyze, and interpret nutritional RCTs through case studies, and will address novel challenges/opportunities in nutritional RCTs. New technologies such as nutritional omics and the concept of personal or precision nutrition will be discussed. Students will need to read the relevant scientific literature prior to the lectures. Attendance and participation in lectures are required. Upon successful completion of the course, students will have a better understanding on how to plan and design a nutritional RCT and will be familiar with different types of outcome measurements and different analytical approaches.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 280 Section: 1

Integrating Nutrition into Clinical Medicine:
The Role of Health Professionals as Change Agents (220087)

Stephen Devries

2024 Spring (1.25 Credits) Schedule: MTWR 0100 PM - 0300 PM
F 0100 PM - 0400 PM

Instructor Permissions: None Enrollment Cap: 32

The connection between diet and patient health is unequivocal, yet nutrition-based interventions in medical practice remain significantly underutilized. The aim of this course is for you to understand the health and economic consequences of the lack of nutrition education and practice in medicine, and to demonstrate the unique potential for physicians and other health care professionals to serve as change agents for effectively integrating nutrition into medical care.
To achieve this aim, we will:
- Examine the key evidence that links diet to both personal and planetary health.
- Review the current status of nutrition education and practice in the United States.
- Explore barriers and feasible solutions to greater incorporation of nutrition in medical practice.
You will learn the foundations of clinical nutrition science and healthy, sustainable diets through condensed, interactive online modules. We will build on this foundation with class dialog, which will emphasize practical strategies for leveraging the role of nutrition in patient care. Finally, as a capstone to your learning, you will prepare and present a plan for making two interventions: 1) a personal change in your own diet and; 2) a plan for making a nutrition-focused systems change in your own (or anticipated future) clinical/work environment.
Read student reviews from NUT 280 here.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Winter Session	Winter Session
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 1

Independent Study (190930)

Xuehong Zhang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 10

Independent Study (190930)

Jerold Mande

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 101

Independent Study (190930)

Christina Dieli-Conwright

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 102

Independent Study (190930)

Christina Dieli-Conwright

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 103

Independent Study (190930)

Christina Dieli-Conwright

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 104

Independent Study (190930)

Ganmaa Davaasambuu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 105

Independent Study (190930)

Ganmaa Davaasambuu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 106

Independent Study (190930)

Ganmaa Davaasambuu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 107

Independent Study (190930)

Dong Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 108

Independent Study (190930)

Dong Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 109

Independent Study (190930)

Dong Wang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 11

Independent Study (190930)

Jerold Mande

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 111

Independent Study (190930)

Teresa Fung

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 112

Independent Study (190930)

Teresa Fung

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 113

Independent Study (190930)

Teresa Fung

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Nutrition 300 Section: 114

Independent Study (190930)

Stephen Juraschek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 115

Independent Study (190930)

Stephen Juraschek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Nutrition 300 Section: 116

Independent Study (190930)

Stephen Juraschek

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Nutrition 300 Section: 12

Independent Study (190930)

Jerold Mande

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 13

Independent Study (190930)

Delia Wolf Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 14

Independent Study (190930)

Delia Wolf Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 15

Independent Study (190930)

Delia Wolf Christiani

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 16

Independent Study (190930)

Gökhan Hotamışlıgil

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 17

Independent Study (190930)

Gökhan Hotamışlıgil

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 18

Independent Study (190930)

Gökhan Hotamışlıgil

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 19

Independent Study (190930)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 2

Independent Study (190930)

Xuehong Zhang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 20

Independent Study (190930)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 21

Independent Study (190930)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 22

Independent Study (190930)

Juliana Cohen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 23

Independent Study (190930)

Juliana Cohen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 24

Independent Study (190930)

Juliana Cohen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 25

Independent Study (190930)

Cindy Leung

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 26

Independent Study (190930)

Cindy Leung

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 27

Independent Study (190930)

Cindy Leung

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 28

Independent Study (190930)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 29

Independent Study (190930)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 3

Independent Study (190930)

Xuehong Zhang

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 30

Independent Study (190930)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 34

Independent Study (190930)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 35

Independent Study (190930)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 36

Independent Study (190930)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 37

Independent Study (190930)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 38

Independent Study (190930)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 39

Independent Study (190930)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 4

Independent Study (190930)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 40

Independent Study (190930)

Deirdre Tobias

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 41

Independent Study (190930)

Deirdre Tobias

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 42

Independent Study (190930)

Deirdre Tobias

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 43

Independent Study (190930)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 44

Independent Study (190930)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 45

Independent Study (190930)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 49

Independent Study (190930)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 5

Independent Study (190930)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 50

Independent Study (190930)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 51

Independent Study (190930)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 58

Independent Study (190930)

Elsie Taveras

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 59

Independent Study (190930)

Elsie Taveras

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 6

Independent Study (190930)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 60

Independent Study (190930)

Elsie Taveras

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 61

Independent Study (190930)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 62

Independent Study (190930)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 63

Independent Study (190930)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 64

Independent Study (190930)

Sheila Isanaka

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 65

Independent Study (190930)

Sheila Isanaka

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 66

Independent Study (190930)

Sheila Isanaka

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 7

Independent Study (190930)

Christopher Duggan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 73

Independent Study (190930)

Josiemer Mattei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 74

Independent Study (190930)

Josiemer Mattei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 75

Independent Study (190930)

Josiemer Mattei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 76

Independent Study (190930)

Anne Lusk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 77

Independent Study (190930)

Anne Lusk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 78

Independent Study (190930)

Anne Lusk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 79

Independent Study (190930)

Anne Lusk

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 8

Independent Study (190930)

Christopher Duggan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 80

Independent Study (190930)

Qi Sun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 81

Independent Study (190930)

Qi Sun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 82

Independent Study (190930)

Qi Sun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 83

Independent Study (190930)

Erica Kenney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 84

Independent Study (190930)

Erica Kenney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 85

Independent Study (190930)

Erica Kenney

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 86

Independent Study (190930)

Kirsten Davison

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 87

Independent Study (190930)

Kirsten Davison

2024 Spring (0 Credits)		Schedule:	TBD
Instructor Permissions:	Instructor	Enrollment Cap:	n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 88

Independent Study (190930)

Kirsten Davison

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 9

Independent Study (190930)

Christopher Duggan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 90

Independent Study (190930)

Christopher Golden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 91

Independent Study (190930)

Christopher Golden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 92

Independent Study (190930)

Christopher Golden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 1

Research (190935)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 13

Research (190935)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 14

Research (190935)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 15

Research (190935)

Edward Giovannucci

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 16

Research (190935)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 17

Research (190935)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 18

Research (190935)

Frank Hu

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 19

Research (190935)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 2

Research (190935)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 20

Research (190935)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 21

Research (190935)

Eric Rimm

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 25

Research (190935)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 26

Research (190935)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 27

Research (190935)

Stephanie Smith-Warner

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 28

Research (190935)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 29

Research (190935)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 3

Research (190935)

Alberto Ascherio

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 30

Research (190935)

Meir Stampfer

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 31

Research (190935)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 32

Research (190935)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 33

Research (190935)

Walter Willett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 37

Research (190935)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 38

Research (190935)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 39

Research (190935)

Jorge Chavarro

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 42

Research (190935)

Josiemer Mattei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 43

Research (190935)

Josiemer Mattei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 44

Research (190935)

Josiemer Mattei

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 45

Research (190935)

Christopher Golden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 46

Research (190935)

Christopher Golden

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 47

Research (190935)

2024 Spring (0 Credits) Schedule:

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 48

Research (190935)

Erica Kenney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 49

Research (190935)

Erica Kenney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 50

Research (190935)

Erica Kenney

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 51

Research (190935)

Kirsten Davison

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 52

Research (190935)

Kirsten Davison

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 53

Research (190935)

Kirsten Davison

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 54

Research (190935)

Qi Sun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 55

Research (190935)

Qi Sun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 56

Research (190935)

Qi Sun

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 61

Research (190935)

Sheila Isanaka

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 62

Research (190935)

Sheila Isanaka

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 63

Research (190935)

Sheila Isanaka

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 7

Research (190935)

Christopher Duggan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 8

Research (190935)

Christopher Duggan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 81

Research (190935)

Shilpa Bhupathiraju

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 82

Research (190935)

Shilpa Bhupathiraju

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 83

Research (190935)

Shilpa Bhupathiraju

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 9

Research (190935)

Christopher Duggan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 214 Section: 1

Nutritional Epidemiology (190750)

Deirdre Tobias

Walter Willett

2024 Spring (2.5 Credits)		Schedule:	F 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	49

Reviews methods for assessing the dietary intake of populations and individuals. Students gain experience in the actual collection, analysis and interpretation of dietary intake. The course also reviews several specific diet/disease relationships, integrating information from international studies, secular trends, clinical trials, analytical epidemiology, and animal experiments.

Course Prerequisites: EPI and BST core (ex. EPI201 and BST201 or ID201. PHS2000 fulfills BST requirement and can be taken concurrently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS NUT, DrPH
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisites: (EPI200 or EPI201 or EPI208 or EPI500 or ID201 or ID207) AND (BST201 or BST202&203 or BST206&207 or BST206&208 or ID201 or ID207 or PHS 2000A). PHS 2000A may be taken concurrently.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social and Behavioral Sciences

Subject: Social & Behavioral Sciences

Social & Behavioral Sciences 203 Section: 1

Program Planning (211147)

Rebekka Lee

2024 Spring (2.5 Credits)		Schedule:	MW 0345 PM - 0515 PM
Instructor Permissions:	Instructor	Enrollment Cap:	40

Provides an introduction to public health planning. Applies social science principles to community assessment, data collection, and prioritization. Foci will include identifying health-related needs and assets for individuals, communities, organizations, and national groups and will discuss the various challenges that researchers and practitioners encounter when doing work "on the ground". There will be a strong emphasis on community involvement throughout the course.
Course activities: Assigned reading with participation in discussion and classroom-based application exercises, individual assignments, group project to develop a needs assessment.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | HSB-65
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: HSB-65 students may enroll. All others must petition to enroll.

Social & Behavioral Sciences 204 Section: 1

Program Implementation and Evaluation (211148)

Rebekka Lee

2024 Spring (2.5 Credits)		Schedule:	MW 0345 PM - 0515 PM
Instructor Permissions:	Instructor	Enrollment Cap:	40

Provides and introduction to public health intervention implementation and evaluation in applied settings. Foci will include health-related intervention for individuals, communities, organizations, and local/national groups and will discuss the various challenges that researchers and practitioners encounter when conducting this work "on the ground". There will be a strong emphasis on community involvement throughout the course.
Course Activities: Assigned reading with participation in discussion and analysis of case studies, class presentations, applied individual application exercises, group project to design an intervention and evaluation plan.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | HSB-65
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-Requisite: SBS 203 | HSB-65 may enroll. All others must petition to enroll.

Social & Behavioral Sciences 210 Section: 1

Introduction to Dissemination and Implementation Science (207018)

Shoba Ramanadhan

2024 Spring (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	25

Increasing the adoption, implementation, and sustainment of evidence-based programs, practices, and policies is critical for improving public health and addressing health disparities. The field of dissemination and implementation (D&I) science provides the theories and methods to understand and influence the path between evidence and action.

This introductory course will provide you with an overview of theories and methods to influence the pathway between evidence and action in a range of practice, policy, and public health settings. Given that D&I science sits at the intersection between research and practice, the course addresses important topics in the areas of theory and methods in tandem with practical skills for conducting D&I research and practice-based projects. This balance is reflected in the course readings and lectures as well as the assignments. The course is intended for Masters- and Doctoral-level students. Topics addressed include the motivation for and terminology of D&I science; designs, methods, and measures; applications of D&I science in clinical, community/public health, and policy settings; partner engagement; and emerging issues.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 211 Section: 1

Public Health in Action: Strategies for Policy, Advocacy, and Communication (207019)

Mary Jean Brown

2024 Spring (2.5 Credits)		Schedule:	TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	24

This practical course will help you build the strategic skills needed by leaders in public health settings. It will provide you with the opportunity to synthesize learning from previous course work in biostatistics, epidemiology, program evaluation, and ethics and develop policy, advocacy, and communication skills related to the practice of public health. The course is broken up into three broad sections of 1) assessment by defining the evidence base underlying a specific issue or condition and identifying the data supporting implementation of a program or policy; 2) policy development through the education of policy makers and the public and techniques for process of health policy analysis using ethical frameworks and 3) assurance by linking people to needed health services and research for innovative solutions to health problems.

To maximize the practical nature of the course, you will be asked to select one area or issue affecting the public's health that you will carry through your coursework. Additional guidance will be provided in class, but you may also meet with the instructor prior to the first day of class to discuss potential topics. Subject matter familiarity is welcome when choosing a topic, but not required.

Ultimately, this course is designed to give students practical experience in preparation for internships in the Spring or Summer semesters, or as a follow-up to an internship completed in the previous Summer. Students will use writing and editing to sharpen communication skills, translate data, and use research to inform policy and program development.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 214A Section: 1

Developmental Disabilities II: Value, Policy, and Change (222712)

Jason Fogler

2024 Spring (0.5 Credits) Schedule: F 0800 AM - 1000 AM

Instructor Permissions: None Enrollment Cap: 30

The course focuses on the community, system and leadership components of the developmental disabilities field. It draws from, but is independent of SBS 212. Course materials are presented by leading experts in the field who will provide the content for each session. Issues of systems change and perspective is maintained.

Course note: The course is held at 2 Brookline Place, 5th Floor, Conference Room #598

Grade and Credit Units Note: SBS 214 is a multi-session class comprised of two parts: Part A in the Winter and Part B in the Spring. Students only receive a grade in SBS 214 after they have completed both Part A and Part B.
At the end of WinterSession, students will receive an "IP" ("in progress") grade in SBS 214A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from SBS 980.

Class Notes: SBS 214 (Part A and Part B together) will run from January 5, 2024 to April 26, 2024.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 214B Section: 1

Developmental Disabilities II: Value, Policy, and Change (222713)

Jason Fogler

2024 Spring (2 Credits) Schedule: F 0800 AM - 1000 AM

Instructor Permissions: None Enrollment Cap: 30

The course focuses on the community, system and leadership components of the developmental disabilities field. It draws from, but is independent of SBS 212. Course materials are presented by leading experts in the field who will provide the content for each session. Issues of systems change and perspective is maintained.

Course note: The course is held at 2 Brookline Place, 5th Floor, Conference Room #598

Grade and Credit Units Note: SBS 214 is a multi-session class comprised of two parts: Part A in the Winter and Part B in the Spring. Students only receive a grade in SBS 214 after they have completed both Part A and Part B.
At the end of WinterSession, students will receive an "IP" ("in progress") grade in SBS 214A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from SBS 980.

Class Notes: SBS 214 (Part A and Part B together) will run from January 5, 2024 to April 26, 2024.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 219 Section: 1

High-Risk Behaviors: Epidemiology and Prevention Strategies (191122)

Vaughan Rees

2024 Spring (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

This course examines behaviors that place an individual at higher risk of injuries and mortality, including substance abuse, violence, and risky sexual behaviors. With a focus on adolescent risk behavior, the course covers developmental and environmental factors that drive these behaviors, as well as the design, implementation, and review of theory-guided, evidence-based preventive interventions. Students are guided in the development of a prevention intervention for a chosen adolescent problem behavior.
Course activities: Term paper, group presentation.
Course note: Minimum enrollment of 10.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 220 Section: 1

Social and Structural Inequities and Children's Health (191123)

Natalie Slopen

2024 Spring (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

This course reviews major social and structural risks to children's health as well as opportunities for prevention. This class will review current theories of child development and mechanisms linking social and environmental conditions in childhood to physical and mental health disparities. Topics include economic inequality, neighborhood context, housing, school environments, racism, childhood trauma, and state-level policies (e.g., social safety nets, immigration). Major epidemiologic studies, landmark intervention trials, and social policy evaluations related to these topics will be presented. Students will design and conduct an original investigation of a social or structural factor in relation to a child health outcome through a secondary data analysis.

Course Note: The course is intended for students of a broad range of disciplines interested in child health issues, who have not necessarily had extensive training in maternal and child health.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 222 Section: 1

Social Services for Children, Adolescents and Families (191125)

Peter Maramaldi

2024 Spring (2.5 Credits) Schedule: TR 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 12

SBS 222 demonstrates the crucial role of federal and state government to advance the health and well-being of children and families in the United States. The course begins with an historical overview of how political forces driven by power and privilege systematically led to the oppression of populations of vulnerable children. While reviewing the constellation of current social services, participants will study progressive movements that both succeeded and failed to provide families with opportunities to overcome oppression and rise from the ill effects of poverty. Students will examine current political tensions and partisan strategies that structure the content and delivery of social services. Assignments will require individuals to prepare data-driven briefings and op-eds that take a position on legislation and programs relevant to children and families. Briefing topics may include Executive Orders or legislation related to immigration, poverty, childhood trauma, historical trauma of marginalized populations, institutional racism, adoption, foster care, family and community violence, childcare, social determinants of neurological development, mental health services for children, and other topics of student interest. Social services to children will be examined from perspectives representing both sides of the political divide in the 118th Congress. The course will study the early impact of the November 2023 election results on Congress and the Executive Branch. Select guest speakers from government or NGOs will present innovative and novel approaches to service delivery.
Course Activities: Seminar discussion based on current political trends and policy, student-led briefings, simulated in-class political debates that reach into political and ideological divides.

Class Notes: In-class presentations, briefings, and debates

Between class meetings, participants are required to research and prepare material for class discussion and debate simulations. Participants are expected to juxtapose opposing views on issues across political and ideological divides.

Guest Lecturers
Throughout the semester, guest lecturers from government, industry, or healthcare may present on innovations in service delivery.

Aims
To enhance understanding of how social services came to exist, currently operate, and the ways in which they fulfill their stated goals—or fail to do so. The material presented in this course should complement maternal and child health background in domestic policy and services. Students are encouraged to think of improved and more effective approaches to service delivery, and to become actively involved in local and national policy debates and political discourse throughout their professional careers. Students will be encouraged to seek out opposing viewpoints on issues related to services and the welfare of children, youth and families in order to become more effective advocates and influencers.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 231 Section: 1

Community Intervention Research Methods (191126)

Eve Nagler

2024 Spring (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 32

SBS231 is an introductory research methods course focused on evaluating community interventions in a variety of settings (e.g., neighborhoods, worksites, schools, community centers or churches). Students will develop skills to design a research proposal, incorporating qualitative and quantitative methods, community perspectives, study design, process evaluation, and using theory to guide intervention development and testing. This course is highly interactive, applying concepts from the readings, guest lectures and students' own experiences, culminating in a research proposal to evaluate a community intervention.

Course Activities: Assigned readings, guest lectures, class participation, working on a team to develop a research proposal.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's

courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 237 Section: 1

Grief, Loss, and Death: Population Mental Health Perspectives (224033)

Christy Denckla

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 24

Public health students have few academic opportunities to engage with the profound themes of grief, loss, and death, even in an era of pandemics, climate change, and widening health disparities. In this 8-week seminar-style course, we apply a population mental health perspective to grief, loss, and death in a self-reflective, supportive environment. Students can expect to acquire an understanding of the core theories and empirical methods in population mental health, grief, loss, and death. Students will apply these acquired skills and knowledge to achieve their learning goals within an ungrading framework.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 254 Section: 1

Social Disparities, Stress, and Health (191130)

Laura Kubzansky

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

This course is designed to review theories and research examining stress and the role it plays in social disparities in health. The course will review basic concepts and models of stress as well as the mechanisms by which stress may influence health and explain social disparities. A key aspect of the class will be to consider the quality of the research on stress and health, and students will be required to evaluate methods and measures. The course builds on a basic understanding of society and health and of epidemiology.

Course Activities: Lectures, seminars: reaction papers, class presentations and discussion, a take-home final.

Course Note: Minimum enrollment of 10.

Course Prerequisite(s): SBS201 or EPI201 or ID201 or PHS 2000A

Class Notes: A course materials fee may apply for this course. An upper estimate is

listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SM1 SBS, PHS SBS

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: SBS201 or EPI201 or ID201 or PHS 200A

Students must have received a grade in one of the above classes to meet this pre-requisite.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 263 Section: 1

Multilevel Statistical Methods: Concept and Application (191132)

S.V. Subramanian

2024 Spring (5 Credits) Schedule: F 0945 AM - 1245 PM

Instructor Permissions: None Enrollment Cap: 25

This course is designed to provide doctoral students with a training experience in the concept and application of multilevel statistical modeling. Students will be motivated to think about correlated and dependent data structures that arise due to sampling design and/or are inherent in the population (such as pupils nested within schools; patients nested within clinics; individuals nested within neighborhoods and so on). The substantive motivation for analyzing such complex data structures would be to make quantitative assessments about the role of contexts (e.g., schools, clinics, neighborhoods) in predicting individual outcomes. In particular, the principles of recognizing and modeling the underlying heterogeneity in average relationships would be emphasized. Linear, non-linear, and multivariate multilevel models will be covered. Upon completion, students should be able to conceptualize multilevel modeling strategies and to undertake empirical, quantitative multilevel research. The course will be lecture-based with substantial hands-on component.

Course Activities: Data management, modeling and analysis; individual assignments; project submission and class participation.

Course Notes: Knowledge of linear regression required. This course is a requirement for all SBS doctoral students. 5 required lab sessions on Mondays 1:00-1:50 PM.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PhD PHS SBS
Wave 2 | DrPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-Requisite: EPI 201, EPI 202, and (BST 210 or PHS 2000 A/B)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 300 Section: 1

Independent Study (191142)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 10

Independent Study (191142)

Shoba Ramanadhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 101

Independent Study (191142)

Jarvis Chen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 102

Independent Study (191142)

Jarvis Chen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 103

Independent Study (191142)

Jarvis Chen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 11

Independent Study (191142)

Shoba Ramanadhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 12

Independent Study (191142)

Shoba Ramanadhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 13

Independent Study (191142)

Karen Emmons

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 14

Independent Study (191142)

Karen Emmons

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 15

Independent Study (191142)

Karen Emmons

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 16

Independent Study (191142)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 17

Independent Study (191142)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 18

Independent Study (191142)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 2

Independent Study (191142)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 21

Independent Study (191142)

Mary Bassett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 22

Independent Study (191142)

Mary Bassett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 23

Independent Study (191142)

Mary Bassett

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 25

Independent Study (191142)

Steve Gortmaker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 26

Independent Study (191142)

Steve Gortmaker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 27

Independent Study (191142)

Steve Gortmaker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 28

Independent Study (191142)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 29

Independent Study (191142)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 3

Independent Study (191142)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 30

Independent Study (191142)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 34

Independent Study (191142)

Ichiro Kawachi

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 35

Independent Study (191142)

Ichiro Kawachi

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 36

Independent Study (191142)

Ichiro Kawachi

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 37

Independent Study (191142)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 38

Independent Study (191142)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 39

Independent Study (191142)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 4

Independent Study (191142)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 40

Independent Study (191142)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 41

Independent Study (191142)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 42

Independent Study (191142)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 43

Independent Study (191142)

Laura Kubzansky

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 44

Independent Study (191142)

Laura Kubzansky

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 45

Independent Study (191142)

Laura Kubzansky

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 46

Independent Study (191142)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 47

Independent Study (191142)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 48

Independent Study (191142)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 5

Independent Study (191142)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 50

Independent Study (191142)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 51

Independent Study (191142)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 52

Independent Study (191142)

Christy Denckla

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 53

Independent Study (191142)

Christy Denckla

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 54

Independent Study (191142)

Christy Denckla

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 55

Independent Study (191142)

Margareta Matache

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 56

Independent Study (191142)

Margareta Matache

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 57

Independent Study (191142)

Margareta Matache

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 58

Independent Study (191142)

Clyde Smith

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 59

Independent Study (191142)

Clyde Smith

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 6

Independent Study (191142)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

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Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 60

Independent Study (191142)

Clyde Smith

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 7

Independent Study (191142)

Rebekka Lee

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 70

Independent Study (191142)

S.V. Subramanian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of

students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 71

Independent Study (191142)

S.V. Subramanian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 72

Independent Study (191142)

S.V. Subramanian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 73

Independent Study (191142)

Kasisomayajula Viswanath

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 74

Independent Study (191142)

Kasisomayajula Viswanath

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 75

Independent Study (191142)

Kasisomayajula Viswanath

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 76

Independent Study (191142)

David Williams

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 77

Independent Study (191142)

David Williams

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 78

Independent Study (191142)

David Williams

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 79

Independent Study (191142)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 80

Independent Study (191142)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 81

Independent Study (191142)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 82

Independent Study (191142)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 86

Independent Study (191142)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 87

Independent Study (191142)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 88

Independent Study (191142)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 92

Independent Study (191142)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 94

Independent Study (191142)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 95

Independent Study (191142)

Natalie Slopen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 96

Independent Study (191142)

Natalie Slopen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 300 Section: 97

Independent Study (191142)

Natalie Slopen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular

courses.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 1

Research (191143)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 10

Research (191143)

2024 Spring (0 Credits) Schedule:

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 11

Research (191143)

Karen Emmons

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 12

Research (191143)

Karen Emmons

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 13

Research (191143)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 14

Research (191143)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 15

Research (191143)

Elizabeth Janiak

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 16

Research (191143)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 17

Research (191143)

2024 Spring (0 Credits) Schedule:

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 18

Research (191143)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 19

Research (191143)

Steve Gortmaker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 2

Research (191143)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 20

Research (191143)

Steve Gortmaker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 21

Research (191143)

Steve Gortmaker

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 22

Research (191143)

Ichiro Kawachi

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 23

Research (191143)

Ichiro Kawachi

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 24

Research (191143)

Ichiro Kawachi

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 25

Research (191143)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 26

Research (191143)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 27

Research (191143)

Karestan Koenen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 28

Research (191143)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 29

Research (191143)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 3

Research (191143)

S. Bryn Austin

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 30

Research (191143)

Nancy Krieger

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 31

Research (191143)

Laura Kubzansky

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 32

Research (191143)

Laura Kubzansky

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 33

Research (191143)

Laura Kubzansky

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 37

Research (191143)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 39

Research (191143)

Henning Tiemeier

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 4

Research (191143)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 41

Research (191143)

Shoba Ramanadhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 42

Research (191143)

Shoba Ramanadhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 43

Research (191143)

Shoba Ramanadhan

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 5

Research (191143)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 52

Research (191143)

S.V. Subramanian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 53

Research (191143)

S.V. Subramanian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 54

Research (191143)

S.V. Subramanian

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 55

Research (191143)

Kasisomayajula Viswanath

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 56

Research (191143)

Kasisomayajula Viswanath

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 57

Research (191143)

Kasisomayajula Viswanath

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 58

Research (191143)

David Williams

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 59

Research (191143)

David Williams

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 6

Research (191143)

Vaughan Rees

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 60

Research (191143)

David Williams

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 64

Research (191143)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 65

Research (191143)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 66

Research (191143)

Barbara Gottlieb

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 67

Research (191143)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 68

Research (191143)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 69

Research (191143)

Alan Geller

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 7

Research (191143)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 70

Research (191143)

Natalie Slopen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 72

Research (191143)

Jarvis Chen

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 8

Research (191143)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 80

Research (191143)

Sabra Katz-Wise

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 9

Research (191143)

Lisa Berkman

2024 Spring (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 360 Section: 1

Maternal and Child Health/Children, Youth and Families Seminar (191144)

Jonathan Litt

2024 Spring (0.63 Credits) Schedule: T 0101 PM - 0150 PM

Instructor Permissions: None Enrollment Cap: 70

This course is taken twice for a total of 1.26 Pass/Fail credits (0.63 in the Fall and 0.63 in the Spring)

Weekly seminar on topics in Maternal and Child Health/Children, Youth and Families.

Required for: doctoral students either majoring or minoring in Maternal Child Health/Children Youth and

Families (MCH/CYF) until they defend their thesis; masters students concentrating in MCH/CYF for the duration of their program. The MCF/CYF concentration in open to masters and doctoral students in all departments at the Harvard T.H. Chan School of Public Health.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 500 Section: 1

Developing a Research Protocol (191148)

Jarvis Chen

2024 Spring (2.5 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 10

This course focuses on the process of turning scientific questions into well-defined specific aims, testable hypotheses, and rigorous methods. Students will develop the Specific Aims, Significance, and Approach sections of an NIH-style grant proposal. Major attention is given to developing research hypotheses and proposing precise methods, including describing the sample, measures, study design, and analytic techniques. Students will have the opportunity to discuss and receive feedback from the course instructor and fellow students at all stages of the proposal writing process, including at a Mock Study Section meeting at the end of the course.

Class Notes: Restricted to PhD-PHS-SBS students.

Requirements: Restricted to PhD-PHS-SBS students. Pre-requisites: PHS2000A, PHS2000B, AND SBS245

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 501 Section: 1

Community-based Participatory Research: Principles, Processes and Practices (191149)

Jocelyn Chu

Ra'Shaun Nalls

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 27

SBS 501

Community-Based Participatory Research (CBPR) is an approach to research that ground practitioners in long-term commitments to co-develop research with community partners, and to build from community strengths and priorities for the purposes of translating research into policy or system-change actions that improve health and health equity (Wallerstein, 2020).

This 2.5 credit seminar course is designed to introduce the principles, processes and practices of CBPR. The course will trace the theoretical roots of participatory and action research traditions and provide students with foundational understanding of the guiding principles and strategies of CBPR, the ethical considerations involved in this approach, and practices that are integral for participating effectively in CBPR. The course focuses on taking a critical stance toward dominant narratives of knowledge production and explores asset-centered approaches and appreciation for multiple ways of knowing to inform the research process. Through discussion based learning, critical reflection and engagement with academic and community guest speakers, students will learn to critically incorporate participatory approaches and frameworks into their public health research and practice.

We want to be clear: This course is not about applying qualitative research methods with community partners. SBS 501 emphasizes raising self-awareness and reconsidering held assumptions about research through the practice of critical reflection. We believe that this practice is necessary for preparing to engage in participatory research with community partners. SBS 551 (Spring 2) is designed to serve as the applied component for SBS 501 and builds on the foundational guiding principles, strategies and ethical considerations of participatory and action-oriented research.

Registration by instructor permission only: By January 25, 2024, interested students must request instructor permission in my.harvard and write a brief explanation about their interest in taking this course. Please limit to 3-4 sentences only and submit through my.harvard (not as email to the Instructor). Selected students will be approved by February 1, 2024.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 502 Section: 1

Mass incarceration and Health in the US (214473)

Monik Botero

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course reviews the health implication of mass incarceration on individuals and their communities. Although the course will focus on the impact of incarceration, involvement with the criminal justice system more broadly will be discussed. The course will discuss the current state of knowledge, identify key gaps and explore examples of successful interventions to improve health outcomes among criminal justice involved individuals. Various health related implications of criminal justice involvement will be discussed, such as infectious disease, mental health, cardiovascular disease and cancer. A framework grounded in history and critical race theory will be employed in addition to careful consideration of the intersection of race. sex/gender, socioeconomic position and sexual and gender minority status. Methodological concerns and ethical implications of research conducted among individuals while in custody will also be considered. Classes will combine lectures, guest speakers representing key stakeholders and individuals with criminal justice involvement, and student led engagement. This course is appropriate for masters and doctoral level students.

Class Notes: Course restricted to SBS students. Students from outside the SBS Department may submit a petition.

Requirements: HSPH: Pre-requisite EPI 201, Pre- or Co-requisite ID 201

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Social & Behavioral Sciences 508 Section: 1

Successes & Challenges in Health Behavior Change (191155)

Alan Geller

2024 Spring (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 60

Many large-scale, population-wide initiatives and campaigns have resulted in profound behavioral changes, including those for tobacco use, sun protection, and reduction of sugar sweetened beverages, to name a few.
We will follow an interconnected path that covers theory and key models, deepens our understanding of successful large-scale public health interventions, delves into the harm reduction/vaping debate, examines the critical importance of organizing and leadership, explores real-world problems with unfunded public health mandates, sees the critical importance of social support for high-risk populations, and closes with sessions on innovations. Much of the class will revolve around active discussion of readings, both in the popular and public health press, and at least four case studies. Each class will be explicitly organized around a case study and/or a lesson learned, some will be new ones, others will hopefully expand upon earlier SBS lessons.
Overall, this course aims to facilitate opportunities for students to read seminal pieces, contribute to avid discussions on a wide range of public health topics, and expand individual interests. It also seeks to encourage students to grapple with individual and collective lessons from major public health campaigns to build for more improved ones going forward. Accordingly, although the course focuses on cancer prevention initiatives, students should feel free to apply lessons learned to their areas of interest in their assignments.
Course Objectives:
1. Critically synthesize and evaluate criteria for successful population-wide interventions in population health improvement, including cancer control
2. Carefully critique the key components of historically successful large-scale cancer control interventions both for US and internationally (tobacco, skin cancer prevention, SSB laws)
3. Synthesize findings to develop evidence-based recommendations for large-scale, health behavior change interventions seeing the power of multi-level collaborations
4. Enhance practical skills for organizing and leading population-wide interventions

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, PHS SBS
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 509 Section: 1

Health Communication in the 21st Century (191156)

Kasisomayajula Viswanath

2024 Spring (2.5 Credits) Schedule: T 0345 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 50

This course is designed to provide students in public health and social science with an overview of the theory and research on the role of communication in health in the 21st century. The role of communication in public health will be examined both as a product of everyday interaction with communication platforms including mass media and messages, and its planned use to accomplish particular public health goals. Research examined here looks both at planned and unplanned effects of communication in a variety of health situations representing a range of public health topical concerns.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 511 Section: 1

Social Policy and Health in International Perspective (191158)

Mauricio Avendano Pabon

2024 Spring (2.5 Credits)

Schedule: MTWRF 0945 AM - 0100 PM
R 0945 AM - 0330 PM
M 0945 AM - 0330 PM

Instructor Permissions: None

Enrollment Cap: 28

Note: Basic knowledge of Biostatistics required.

By the end of this course students will be able to critically assess theories and evidence on how social policies and Welfare State institutions can influence health and health disparities, with particular emphasis on comparisons across the United States and European countries. The course provides students with an understanding of how specific social policies are linked to health, and critically discusses key methodological approaches to study the impact of specific social policies and welfare state interventions on health and

health disparities. By the end of the course, students will be able to (a) critically assess theories and evidence on the impact of welfare state institutions and social policies on health and health disparities; (c) describe the strengths and weaknesses of methodological approaches to assess the causal effect of social policies on health using both state-level and country-level data; and (e) outline a research plan to assess the impact of a specific social policy on health.

The course starts with an introduction to how social policy is linked to health, providing a theoretical framework for studying the causal effects of specific policies on health. Following this, the course is organized in sessions, addressing the health effects of a number of broad areas of social policy, such as education; childcare and early childhood; labor and employment; income support; Family and children; unemployment and disability; housing; and cash transfer programmes. The course also covers the impact of recessions and unemployment on health and the protective role of social policies; as well as the link between democracy and health, in the context of relevant policies.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 514 Section: 1

Reducing Socioeconomic & Racial/Ethnic Inequalities in Health:Concepts, Models, Effective Strategies (191161)

Mary Bassett

2024 Spring (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 40

This course will provide a critical overview of conceptual approaches and empirical evidence for interventions that take a structural approach to reducing socioeconomic and racial/ethnic disparities in health. The focus is on the extent to which policies and interventions on the social determinants of health can both improve health and reduce disparities. It considers interventions within the healthcare system, but I emphasize population-based interventions on the social determinants of health in multiple other societal sectors. Attention is also given to the social and political barriers to the development and proliferation of effective interventions to address social disparities in health.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | All SBS Students
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 1/4/2024 11:00AM – 1/14/2024 11:59PM
Wave 2 | 1/15/2024 12:00AM – 1/17/2024 11:59PM
Wave 3 | 1/18/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 522 Section: 1

Multi-Level Theoretical Approaches to Population Health and Health-Related Behavior Change (211390)

David Williams

Jessica Liu

2024 Spring (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 18

SBS 522 is a foundational course for Social and Behavioral Sciences. The course is predicated on the concept that health and health behavior is shaped by influences at multiple levels, ranging from individual factors to macro-social factors. The course introduces an array of conceptual theories, models, and frameworks across these multiple levels of influence, and examines their role in understanding and improving health –related behavior and population health outcomes. Class discussion and assignments will enable the learner to understand the value of theory for ethical practice, research design, and intervention development. Critical thinking about strengths and limitations of current trends in theory and conceptual frameworks will be encouraged. This course contributes to the theory requirement for the doctoral program in the SBS field of study and is required for student in Public Health Nutrition. Any students who are interested in understanding how to develop interventions at any level of influence may find this course useful.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information

and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $25

Social & Behavioral Sciences 524 Section: 1

From Local to Global Justice: Responses to Structural Inequities and Oppression (223924)

Margareta Matache

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 25

Systems of oppression, including structural racism, patriarchy, or apartheid, are deep-seated into the structure of laws, policies, institutions, cultures, society, and all areas of life; they are not only legacies of the past but also harsh realities that continuously reproduce and reinforce today. Thus, we must act beyond diversity, equity, and inclusion programs to dismantle oppressions and structural inequities. At the same time, recent experiences and studies regarding the impact of the COVID-19 pandemic have proven once again that structural inequities deepen and acquire new dimensions in times of crisis (e.g., economic recession, wars, pandemics). We face an urgency of now to dismantle oppressions and develop anti-oppressive and anti-racist institutional, cultural, and societal responses and create the necessary knowledge and skills to implement them.
In SBS 524 From Local to Global Justice: Responses to Structural Inequities and Oppression, we will examine social change interventions aiming to address systems of oppression and structural inequities, with a particular focus on health. We will unpack a variety of interventions designed and implemented by global institutions, local and national governments, activists, scholars, artists, and other stakeholders in varied political, social, and cultural contexts. We will also probe interlinks between systems of oppression and those between local, national, and global challenges, interventions, and powerholders.
The added value of SBS 524 lies not only in its global and interdisciplinary approaches but also in its focus on social change interventions that attempt to address racism and other systems of oppression.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Social & Behavioral Sciences 535 Section: 1

Global Perspectives on Racism, Poverty, and Power (217492)

Margareta Matache

2024 Spring (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 25

The course uses interdisciplinary, critical, and transnational/global perspectives to study racism and other systems of oppression, poverty, and the disempowerment of peoples subordinated based on race, gender, and class. The sessions include readings regarding the experiences of Black Americans, Burakumin people, Dalit people, Jewish people, Romani people, Palestinians, and other oppressed and racialized peoples.
This is an introductory course examining four main topics to be discussed in separate but interconnected sections: (1) Racism and other systems of oppression; (2) poverty and racialized and gendered poverty; (3) power; and (4) institutional and societal solutions to address racism and other oppressions.
Racism and other systems of oppression: When the rise of fast sailing ships allowed colonialist European nations to send their colonial project overseas in the sixteenth century, a key construction helped them justify their domination of indigenous peoples. That was the notion of the 'Other,' which they applied through harmful labels such as criminals, backward, and savages. Such tactics have helped to validate and justify the oppression of various peoples before, during, and after colonization. In this section, we will discuss systems of oppression implemented in different parts of the world. This section also pays particular attention to the impact of racism on access, quality, and outcomes in education and health.
Poverty: The existing measures of poverty provide a necessary but insufficient picture of poverty. International and national institutions operate with frameworks that are easily assessable (e.g., multidimensional poverty index or absolute poverty). Yet, these frameworks fail to encompass determinants and dimensions of poverty that are particular to historically oppressed peoples (e.g., multigenerational wealth, neighborhood poverty). Thus, in this section, we will not only discuss the concepts of poverty and multidimensional poverty, but also explore ways to measure intersectional, racialized, and gendered poverty.
Power: The scholarship discusses oppression and racism not only as matters of rights deprivation for the oppressed but also as "inherited advantage in power" for the oppressors or their descendants. In this section, we will discuss whether and how inherited power is transmitted economically, socially, culturally, and ideologically.
Solutions: In this final section, we will discuss examples of interventions (both successful and ineffective) to address racism and/or racialized and gendered poverty, from people and social movements to state policies and reparations.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Material Fee Tier	< $50

Social & Behavioral Sciences 550 Section: 1

Program Evaluation (191167)

Henning Tiemeier

Mary Jean Brown

2024 Spring (2.5 Credits) Schedule: MTWRF 0900 AM - 0500 PM

Instructor Permissions: Instructor Enrollment Cap: 24

The course will be held during the winter session. The classroom experience will be conducted in coordination with the Centers for Disease Control and Prevention and state and local health agencies. During the first week, an intensive course will be given on the basics of evaluation as well as an introduction to the CDC, and the U.S. public health system. This will include lectures and group work to teach the components of evaluation methodology. For this week, students will be teamed with CDC program officers and public health officials from up to 10 program sites across the country. Teams will work to develop program evaluation methodologies for specific public health issues selected by the state or local health agency.
During the second week of the class, students will continue working with their program sites and CDC project officers and meet with stakeholders and program administrators to refine the evaluation methods for Title V or related Maternal Child Health Programs (MCH) programs. This evaluation plan will be used by the states and the CDC to evaluate their active public health programs for the next 2-3 years.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 551 Section: 1

Community Based Participatory Research: Field Engagement and Practice (219682)

Ra'Shaun Nalls

Jocelyn Chu

2024 Spring (1.25 Credits) Schedule: W 0945 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 20

This course is designed to serve as the practice component of SBS 501 Community-based Participatory Research: Principles, Processes and Practices and builds on the foundational guiding principles, strategies and ethical considerations of participatory and action-oriented research covered in the prerequisite course. This 1.25 credit seminar seeks to deepen exploration of equitable and ethical partnerships for research with communities, focusing on collaborative engagement processes in co-designing a research or evaluation proposal with a community partner. The seminar takes a flipped classroom approach and includes interactive workshop style sessions that involve participation of external community partners. Classes may take place at the community partner site.
Students are expected to work in groups with a community partner. This includes 1-2 hours/week of out of classroom time expected for group work and meetings with the community partner.

Requirements: Pre-Requisite: SBS 501

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 945B Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (HSB-MPH-45) (205616)

Clyde Smith

2024 Spring (1.25 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 35

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Addresses the professional training needs of MPH students who plan to pursue leadership positions in the public sector or in community health. Students, individually or in small groups, undertake fieldwork in public or community health agencies. They apply managerial and analytic techniques developed in the concentration to the solution of problems confronting these agencies. Students meet with advisors from Harvard Chan and their host agency throughout the field placement. Class sessions explore the practice of public and community health through case studies, readings and hands-on activities.

Course Activities: Field work, written and oral project report, periodical email updates and reflections to the instructor.

Grade and Credit Units Note: SBS 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in SBS 945 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in SBS 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from SBS 945A will not be reflected in the student's transcript when the "IP" grade is present.
When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from SBS 945.

Requirements: Course Restricted to students in the MPH45 Health and Social Behavior program

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 980S Section: 1

SBS Doctoral Seminar (218909)

Laura Kubzansky

2024 Spring (1.25 Credits) Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

The SBS Doctoral Seminar is designed to provide students with an opportunity to connect across cohorts, explore topics covered in their doctoral-level coursework in more depth, develop and practice critical professional skills (e.g., grant writing, research development, science communication, CV/cover letter

writing), and present their on-going research for feedback from their peers. A 90-minute seminar will be held every other week, and content will be split between a student work-in-progress presentation and an interactive discussion/presentation led by the facilitator addressing topics relating to navigating the doctoral program in SBS (including relevant program milestones, like the written exam, dissertation proposal, oral exam, and dissertation defense), the conduct of social and behavioral research, and career development. Topics will be identified by the postdoc facilitator and students at the start of the year, with additional guidance provided by the faculty sponsor. The seminar will meet bi-weekly and will be open to SBS PHS/PhD students across all years of the program.

Requirements: HSPH: PW PHS SBS

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Women, Gender & Health

Women, Gender & Health 207 Section: 1

Advanced Topics in Women, Gender and Health (191277)

Sabra Katz-Wise

2024 Spring (1.25 Credits) Schedule: W 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

This interdepartmental, interdisciplinary seminar will provide a forum to analyze how diverse gender-related constructs (including identity and expression) influence public health research and practice. Invited speakers will give examples of cutting-edge issues in public health research and practice, focusing on how gender contributes to understanding and intervening on population distributions of health, disease, and well-being, with an eye towards intersectionality in relation to racism, classism, heterosexism, cissexism, and other forms of social inequity and context. The structure of the course combines lectures by guest speakers who are working in the field of women, gender, and health, as well as in-depth student-led discussions of assigned readings/media. Students will create brief teaching examples that use gender-based analysis while cultivating core skills in public health.

Course Note: Minimum enrollment of 5; maximum enrollment of 20.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 210 Section: 1

Women, Gender and Health: Critical Issues in Mental Health (191278)

Elizabeth Boskey

2024 Spring (2.5 Credits) Schedule: MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 25

This course explores issues relevant to mental illness, mental health from a gender perspective. Course themes include illness constructs, life cycle and transitions, collective and individual trauma, role and relationship and embodiment. Topics include eating disorders, pain, hormonally mediated mood disorders, and PTSD. Examples highlight US and international experience. Readings are multidisciplinary, including public health and medicine, social sciences, history and literature.

Course Activities: Includes a student final project.

Course Notes:
Minimum enrollment of 5 students.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 220 Section: 1

Sexuality and Public Health (191280)

S. Bryn Austin

2024 Spring (2.5 Credits) Schedule: R 0345 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 24

This course provides an introduction to the breadth of research and research methods in the study of sexuality and sexual health promotion in diverse contexts and populations. Students will develop skills needed to carry out epidemiologic research and community-based interventions related to sexual health promotion. Students will be introduced to ways to integrate conceptual models, methodologies, and perspectives from a variety of fields to inform a unique transdisciplinary, holistic approach to public health promotion of sexual health. Class session format includes lectures, discussions, case studies, individual and group presentations, and in-class writing assignments.

Course Note: Minimum enrollment of 10.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Material Fee Tier	< $50

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Women, Gender & Health 250 Section: 1

Embodying Gender: Public Health, Biology and the Body Politic (191281)

Nancy Krieger

2024 Spring (2.5 Credits) Schedule: TWRF 0200 PM - 0430 PM
F 0200 PM - 0515 PM
TWRF 1000 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 16

This course will focus on the social and biological processes and relationships from interpersonal to institutional involved in embodying gender, as part of shaping and changing societal distributions of, including inequities in, health, disease, and well-being. It will consider how different frameworks of conceptualizing and addressing gender, biological sex, and sexuality (that is, the lived experience of being sexual beings, in relation to self, other people, and institutions) shape questions people ask about and explanations and interventions they offer for a variety of health outcomes. Examples span the lifecourse and historical generations and include chronic non-communicable diseases, HIV/AIDS, occupational injuries, reproductive health, mental health, and mortality, each analyzed in relation to societal and ecological context, global health policy and human rights, work, and the behaviors of people and institutions. In all these cases, issues of gender and sexuality will be related to other societal determinants of health, including social class, racism, and other forms of inequality. The objective is to improve praxis for research, teaching, policy, and action, so as to advance knowledge and action needed for producing sound public health policy and health equity, including in relation to gender and sexuality.

Course Note: Prerequisite: WGH 201, WGH207, WGH210, WGH211, WGH220, SBS506, SBS507, ANTHRO1882, HLS2242, HLS2513, HLS2540, or another prior course on gender analysis and health (with instructor's approval)

Requirements: Prerequisite: WGH 201, WGH207, WGH210, WGH211, WGH220, SBS506, SBS507, ANTHRO1882, HLS2242, HLS2513, HLS2540

Subject: Interdepartmental

Interdepartmental 225 Section: 1

Introduction to Life-course Epidemiology (216349)

Henning Tiemeier

Akhgar Ghassabian

2024 Spring (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 25

This course will cover concepts and methods related to life-course epidemiology. A life-course perspective is

essential in conducting epidemiological research, designing studies, and interpreting study findings. A life-course approach to the epidemiology of health and disease risk uses a multidisciplinary framework to understand the importance of time and timing associations of exposure and outcomes at the individual and the population level. It also offers a way to conceptualize how social, economic and behavioral determinants of health experienced at different stages of the life course, can differentially influence the development of diseases, as mediated through proximal biological processes. When conducting epidemiological studies, integrating a life-course perspective can help to clarify the research question, determine the study design, improve the study inferences, and thus render the study of a greater value for public health and clinical practice. Throughout this course, some historical background, theories of life-course epidemiology and examples of how various epidemiologic research questions can be embedded in life-course perspective will be discussed. Most importantly, epidemiologic methods and statistical approaches in addressing such challenges will be introduced all of which are related to time and timing of exposure and outcome.

This course is designed to cover life-course epidemiologic concepts in different life periods, starting from intrauterine, intrapartum, childhood, adulthood, and old age, with an emphasis on the methods. Topics include pre-conception health, fetal programing, resilience and buffering, critical and sensitive periods, latency, biological clock, competing risks, regression dilution, multi-generational transmission, and individual- and community-level interventions.

Requirements: HSPH: PW EPI 201 + EPI 202 + BST 201 OR PHS 2000A

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration